

Références Anticorps dirigés contre les Kinases - Advion Interchim Scientific

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Référence	Descriptif	Cond.	Applications	Descriptif
10004943	PEPCK Polyclonal Antibody	1 ea	WB	Immunoge: Peptide from the N-terminal region of mouse PEPCK · Host: Rabbit · Species Reactivity: (+) mouse and rat PEPCK protein · Application(s): WB · PEPCK catalyzes the conversion of oxaloacetate to phosphoenolpyruvate, the first committed step in gluconeogenesis. Both non-insulin-dependent diabetes mellitus and streptozotocin-induced diabetes result in elevated PEPCK activity, protein, and mRNA. This antibody was generated against mouse cytosolic PEPCK.
10006283	PINK1 Polyclonal Antibody	1 ea	IHC, WB	Immunogen: Synthetic peptide from the C-terminal region of human PINK1 · Host: Rabbit · Species Reactivity: (+) Human, mouse, rat; other species not tested · Applications: IHC, WB · MW: 66 and 33 kDa for the full-length and truncated form, respectively
10006284	PINK1 Blocking Peptide	1 ea		Peptide Sequence: human PINK1 amino acids 484-504 · To be used in conjunction with Cayman's PINK1 polyclonal antibody (Catalog No. 10006283) to block protein-antibody complex formation during analysis for PINK1.
10007475	PEPCK Blocking Peptide	1 ea		Peptide Sequence: PEPCK protein amino acids 5-17 · To be used in conjunction with Cayman's PEPCK polyclonal antibody (Catalog No. 10004943) to block protein-antibody complex formation during immunochemical analysis of PEPCK
10009178	MEK1/2 (Phospho-Ser218,222) Polyclonal Antibody	1 ea	WB	Antigen: phosphopeptide corresponding to amino acid residues surrounding phospho-Ser218,222 of human MEK1/2 · Host: rabbit · Cross Reactivity: (+) NIH 3T3 cells · Application(s): WB · MEK1 is an integral component of the MAPK cascade that regulates cell growth and differentiation.
10009374	GSK3β (Phospho-Ser9) Polyclonal Antibody	1 ea	WB	Immunogen: Phosphopeptide corresponding to rat GSK3β (phospho-Ser9) · Host: Rabbit · Species Reactivity: (+) Rat, mouse · Cross Reactivity: (+) GSK3β · Applications: WB · MW = ~46 kDa
10009517	MEK1 (Phospho-Thr386) Polyclonal Antibody	1 ea	WB	Antigen: phosphopeptide corresponding to amino acid residues surrounding phospho-Thr386 of human MEK 1; expected to react with bovine, canine, chicken, mouse, non-human primates, and Xenopus MEK1 · Host: rabbit · Cross Reactivity: (+) rat MEK1 · Application(s): WB · MEK1 is an integral component of the MAPK cascade that regulates cell growth and differentiation. MEK1 is phosphorylated by MAPK on Thr292 and Thr386.
10009518	MEK1 (Phospho-Thr292) Polyclonal Antibody	1 ea	WB	Antigen: phosphopeptide corresponding to amino acid residues surrounding phospho-Thr292 of human MEK1 · Host: rabbit · Cross Reactivity: (+) human and rat MEK1; expected to react with bovine, canine, chicken, mouse, non-human primates, and Xenopus MEK1 · Application(s): WB · MEK1 is an integral component of the MAPK cascade that regulates cell growth and differentiation. MEK1 is phosphorylated by MAPK on Thr292 and Thr386.
10011301	p38 MAPK Monoclonal Antibody (Clone 9F12)	1 ea	WB, ICC, and flow cytometry	Antigen: human full length p38 MAPK · Host: mouse, clone 9F12 · Cross Reactivity: (+) human, mouse, and rat p38 MAPK · Application(s): FC, ICC, and WB · p38 MAPK is a member of the serine-threonine MAPK family that triggers many cellular processes including cell cycle, development, and apoptosis.
10011437	CaMKII Monoclonal Antibody (Clone 6G9)	100 µg	IF, IP, WB, IHC, and ELISA	Antigen: rat recombinant CaMKII · Host: mouse, clone 6G9 · Isotype: IgG1 · Cross Reactivity: (+) mouse, rat, and bovine CaMKII · Application(s): ELISA, IF, IHC, IP, and WB · CaMKII functions in neural synaptic stimulation and T cell receptor signaling. The binding of Ca ²⁺ /calmodulin to its regulatory domain releases its auto inhibitory effect and activates the kinase. This kinase activation results in autophosphorylation at Thr286. PP1 dephosphorylates phospho-CaMKII at Thr286 and PKA prevents this dephosphorylation.

10011437	CaMKII Monoclonal Antibody (Clone 6G9)	25 µg	IF, IP, WB, IHC, and ELISA	Antigen: rat recombinant CaMKII • Host: mouse, clone 6G9 • Isotype: IgG1 • Cross Reactivity: (+) mouse, rat, and bovine CaMKII • Application(s): ELISA, IF, IHC, IP, and WB • CaMKII functions in neural synaptic stimulation and T cell receptor signaling. The binding of Ca ²⁺ /calmodulin to its regulatory domain releases its auto inhibitory effect and activates the kinase. This kinase activation results in autophosphorylation at Thr286. PP1 dephosphorylates phospho-CaMKII at Thr286 and PKA prevents this dephosphorylation.
10011438	CaMKII (Phospho-Thr286/Thr287) Monoclonal Antibody (Clone 22B1)	100 µg	ELISA, IF, IP, and WB	Antigen: mouse recombinant CaMKII • Host: mouse, clone 22B1 • Isotype: IgG1 • Cross Reactivity: (+) rat CaMKII • Application(s): ELISA, IF, IP, and WB • CaMKII functions in neural synaptic stimulation and T-cell receptor signaling. The binding of Ca ²⁺ /calmodulin to its regulatory domain releases its auto inhibitory effect and activates the kinase. This kinase activation results in autophosphorylation at Thr286. PP1 dephosphorylates phospho-CaMKII at Thr286 and PKA prevents this dephosphorylation.
10011438	CaMKII (Phospho-Thr286/Thr287) Monoclonal Antibody (Clone 22B1)	25 µg	ELISA, IF, IP, and WB	Antigen: mouse recombinant CaMKII • Host: mouse, clone 22B1 • Isotype: IgG1 • Cross Reactivity: (+) rat CaMKII • Application(s): ELISA, IF, IP, and WB • CaMKII functions in neural synaptic stimulation and T-cell receptor signaling. The binding of Ca ²⁺ /calmodulin to its regulatory domain releases its auto inhibitory effect and activates the kinase. This kinase activation results in autophosphorylation at Thr286. PP1 dephosphorylates phospho-CaMKII at Thr286 and PKA prevents this dephosphorylation.
10239	IP6K2 Monoclonal Antibody (Clone 4F10)	1 ea	ICC and WB	Immunogen: Human IP6K2 protein • Host: Mouse • Clone: 4F10 • Isotype: IgG2b • Species Reactivity: (+) Human • Applications: ICC and WB
13843	IRAK-1 Polyclonal Antibody	1 ea	IP and WB	Antigen: synthetic peptide corresponding to human IRAK-1 amino acids 700-712 • Host: rabbit • Cross Reactivity: (+) human and mouse IRAK-1; (-) IRAK-2 • Application(s): IP and WB • IRAK-1 is associated with the IL-1 receptor subunits IL-1RI and IL-1RAcP after IL-1 binding and serves as a signaling molecule to mediate IL-1 response. It mediates a signaling cascade leading to NF-κB activation by members of the IL-1 family including IL-1 and IL-18.
13845	IRAK-4 Polyclonal Antibody	1 ea	IP, WB	Antigen: synthetic peptide corresponding to a mixture of mouse IRAK-4 amino acids 38-54 and 120-136 • Host: rabbit • Cross Reactivity: (+) human and mouse IRAK-4 • Applications: IP and WB • IRAK4 may act as an upstream activator of IRAK-1 and is important for LPS activation of TLRs. Mice lacking IRAK-4 are resistant to lethal doses of LPS and are also severely impaired in their responses to viral and bacterial challenges
25924	TBK1 Monoclonal Antibody (Clone 4E6)	100 µg	ELISA, IHC, and WB	Immunogen: Full length human recombinant TBK1 protein • Host: Mouse • Species reactivity: (+) Human • Applications: ELISA, IHC, and WB
29129	PINK1 Monoclonal Antibody	200 µg	WB and ELISA	Immunogen: Recombinant human PINK1 amino acids 156-511 • Host: Mouse • Species Reactivity: (+) Human, others not tested • Cross Reactivity: (+) PINK1 • Applications: ELISA, WB
29253	CaMKII (Phospho-Thr286) Polyclonal Antibody	100 µL	IHC, WB	Immunogen: Phosphopeptide corresponding to amino acid residues surrounding phospho-Thr286 of rat CaM Kinase II • Host: Rabbit • Species Reactivity: (+) Human, Mouse, Rabbit, Rat • Applications: IHC and WB • MW = ~50 and 60 kDa for CaMKIIα phospho-Thr286 and CaMKIIβ phospho-Thr286, respectively
29263	ERK/MAPK Polyclonal Antibody	100 µL	ICC and WB	Immunogen: Peptide corresponding to amino acid residues from the C-terminus of rat ERK/MAPK • Host: Rabbit • Species Reactivity: (+) Human, Mouse, Rat • Applications: ICC and WB • MW = ~44 and 42 kDa for ERK1/MAPK3 and ERK2/MAPK1, respectively
32188	B-RAFV600E Monoclonal Antibody	100 µg	ELISA, ICC, IHC, WB	Immunogen: Peptide corresponding to B-RAFV600E • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) B-RAFV600E; (-) Wild-type B-RAF • Applications: ELISA, ICC, IHC, WB
32191	HER2/ErbB2 (C-Term) Monoclonal Antibody	100 µL	IHC, WB	Immunogen: Peptide from the C-terminal region of human HER2/ErbB2 • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) HER2/ErbB2 • Applications: IHC, WB
32193	RSK1 (Phospho-Thr359/Ser363) Rabbit Monoclonal Antibody	100 µL	IHC, WB	Immunogen: Peptide corresponding to RSK1 (phospho-Thr359/Ser363) • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) RSK1 (phospho-Thr359/Ser363); (-) RSK1 without phosphorylation at Thr359/Ser363 • Applications: IHC, WB

32197	p38α MAPK (Phospho-Thr180/Tyr182) Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide corresponding to human p38α MAPK (phospho-Thr180/Tyr182) • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) p38α MAPK (phospho-Thr180/Tyr182); (-) Unmodified p38α MAPK, p38α MAPK (phospho-Thr180), p38α MAPK (phospho-Tyr182) • Applications: IHC, WB • MW: ~38 kDa
32199	p38α MAPK Rabbit Monoclonal Antibody (Clone RM245)	100 μL	IHC, WB	Immunogen: Peptide corresponding to p38α MAPK (300-360) • Host: Rabbit • Species Reactivity: (+) Human • Applications: IHC, WB • MW: ~38 kDa
32205	Akt1 (C-Term) Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Synthetic peptide corresponding to the C-terminal region of human Akt1 • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: None provided • Applications: IHC, WB • MW = ~56 kDa
32224	mTOR Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide corresponding to human mTOR • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) mTOR • Applications: IHC, WB
32228	Aurora B Kinase (N-Term) Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide from the N-terminal region of human Aurora B kinase • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) Aurora B kinase • Applications: IHC, WB
32246	AMPKα1 Rabbit Monoclonal Antibody	100 μL	IHC and WB	Immunogen: Peptide corresponding to residues around the C-terminus of human AMPKα1 • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) AMPKα1 • Applications: IHC, WB
32247	p27Kip1 (C-Term) Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide from the C-terminal region of human p27Kip1 • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) p27Kip1 • Applications: IHC, WB
32251	B-RAF Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide corresponding to a region near the N-terminus of human B-RAF • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) B-RAF • Applications: IHC, WB
32258	Akt1 PH Domain Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide corresponding to the PH domain of human Akt1 • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) Akt1 PH domain • Applications: IHC, WB
32287	ALK/CD246 (C-Term) Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide from the C-terminal region of human ALK • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) ALK, ALK fusion proteins • Applications: IHC, WB
35316	pan-Trk (C-Term) Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide from the C-terminal region of human Trk • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) Trk • Applications: IHC, WB
35617	p70S6K (N-Term) Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide from the N-terminal region of human p70S6K • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) p70S6K • Applications: IHC, WB
35901	EGFR (Phospho-Tyr1068) Rabbit Monoclonal Antibody (Clone RM443)	100 μL	WB	Immunogen: Peptide corresponding to human EGFR (phospho-Tyr1068) • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) EGFR (Phospho-Tyr1068); (-) EGFR without phosphorylation at Tyr1068 • Applications: WB
35906	JNK1/2/3 (Phospho-Thr183/Tyr185) Rabbit Monoclonal Antibody	100 μL	IHC, WB	Immunogen: Peptide corresponding to human JNK1/2/3 (phospho-Thr183/Tyr185) • Host: Rabbit • Species Reactivity: (+) Human • Cross Reactivity: (+) JNK1/2/3 (phospho-Thr183/Tyr185); (-) JNK1/2/3 without phosphorylation at Thr183/Tyr185 • Applications: IHC, WB