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## BCIP/NBT Solution

### IHC / Blotting Alkaline Phosphatase substrate

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The Uptima BCIP/NBT solution substrate is a one component chromogenic substrate for immobilized Alkaline Phosphatase (AP). It must be used in blotting and immunohistology technics, where AP is used as detecting label that is bound to membranes (nitrocellulose, PVDF...) or immobilized cells (ask Uptima for other substrates of AP for IHC or for ELISA). It is conditioned in a unic vial containing a mix of 5-Bromo-4-Chloro-3'-IndolylPhosphate pToluidine (BCIP), Nitro-Blue Tetrazolium Chloride (NBT), and stabilizers. The solution develops in presence of AP a dark blue colour that precipitates. This substrate is the ideal choice for accurate, sensitive results in WesternBlotting and IHC.

<b>Sensitivity</b>	Compared to the competitors, the stability and sensitivity are greatly improved thanks to a special formulation.
<b>Stability</b>	The BCIT/NBT solution substrate is stable 1 year from date purchase, and 6 months after opening
<b>Storage</b>	+4°C protected from light. (L)

## Directions for Use

### Protocol for Western Blot

1. Wash the blot to remove unbound antibodies.  
Note : Unsufficient washes may lead to some back ground.
2. Remove the excess of buffer
3. Add ready-to-use BCIP/NBT solution to cover well the blot.  
Note : Unsufficient volume may cause back ground on some area of the blot.
4. Incubate 10-15 min at room temperature or until desired stain development.
5. Rince the blot twice with water.
6. Allow the blot to dry to the air for data acquisition or storage.

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