

## CBX3 Monoclonal Antibody

catalog number: E-AB-22270

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

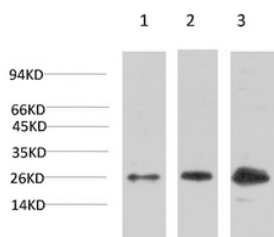
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Protein of HP-1 $\gamma$
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Clone</b>	4F4
<b>Purification</b>	Protein A purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

### Applications

### Recommended Dilution

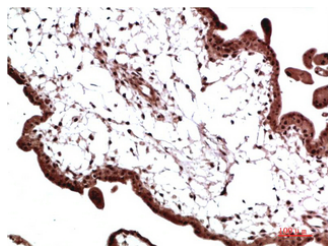
<b>WB</b>	1:500-2000
<b>IHC</b>	1:50-300

### Data

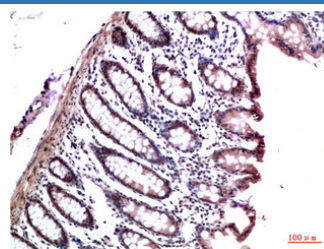


Western Blot analysis of 1) Hela, 2) 3T3, 3) PC12 cells using CBX3 Monoclonal Antibody at dilution of 1:1000.

**Observed-MW:24 kDa**



Immunohistochemistry of paraffin-embedded Human placenta tissue using CBX3 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human colon carcinoma tissue using CBX3 Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

### For Research Use Only

At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. The protein encoded by this gene binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane. The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane. This protein binds histone H3 tails methylated at Lys-9 sites. This protein is also recruited to sites of ultraviolet-induced DNA damage and double-strand breaks.