

HP1 alpha Rabbit mAb

Catalog No: #58823

Package Size: #58823-1 50ul #58823-2 100ul

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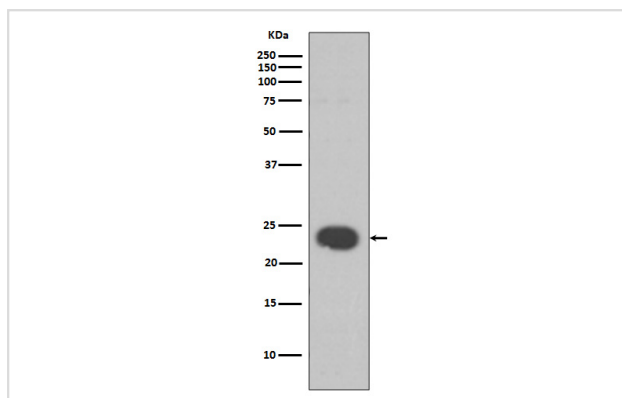
Description

Product Name	HP1 alpha Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	HP1 alpha Antibody detects endogenous levels of total HP1 alpha
Immunogen Description	A synthesized peptide derived from human HP1 alpha
Other Names	CBX5; Antigen p25; Heterochromatin protein 1 homolog alpha; HP1 alpha;
Accession No.	Uniprot:P45973
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1: 50

Images



Western blot analysis of HP1 alpha expression in SH-SY5Y cell lysate.

Product Description

Component of heterochromatin that recognizes and binds histone H3 tails methylated at 'Lys-9' (H3K9me), leading to epigenetic repression. In contrast, it is excluded from chromatin when 'Tyr-41' of histone H3 is phosphorylated (H3Y41ph). Can interact with lamin-B receptor (LBR). This interaction can contribute to the association of the heterochromatin with the inner nuclear membrane. Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins.

Background

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Note: This product is for in vitro research use only