

Mouse HP-1alpha Monoclonal Antibody | anti-HP-1alpha antibody

HP-1alpha Monoclonal Antibody

CATALOG # AAA173679	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HP-1alpha; Monoclonal Antibody; HP-1alpha Monoclonal Antibody; Chromobox protein homolog 5 (Antigen p25) (Heterochromatin protein 1 homolog alpha) (HP1 alpha); anti-HP-1alpha antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	7B6
Purity/Purification	Protein A Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	191
Applicable Applications for anti-HP-1alpha antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein of HP-1alpha
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



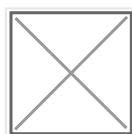
IF (Immunofluorescence)

Immunofluorescence analysis of Human uterus tissue using HP-1alpha Monoclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human uterus tissue using HP-1alpha Monoclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of 1) HeLa, 2)3T3, 3) PC-12 cells using HP-1alpha Monoclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-HP-1alpha antibody	This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The encoded product is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins. The gene has a pseudogene located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	188035908
NCBI GeneID	23468
NCBI Accession #	NP_001120793.1
NCBI GenBank Nucleotide #	NM_001127321.1
UniProt Accession #	P45973; B2R8T9
Molecular Weight	22kDa
NCBI Official Full Name	chromobox protein homolog 5
NCBI Official Synonym Full Names	chromobox 5
NCBI Official Symbol	CBX5
NCBI Official Synonym Symbols	HP1; HP1A; HEL25
NCBI Protein Information	chromobox protein homolog 5
UniProt Protein Name	Chromobox protein homolog 5
UniProt Gene Name	CBX5
UniProt Synonym Gene Names	HP1A; HP1 alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/hp-1alpha-antibody-clone-7b6-immunohistochemistry-western-blot-elisa/173679>