

anti-Human HP1alpha Antibody | anti-HP1alpha antibody

HP1alpha (Ab-92) Antibody

CATALOG # AAA110134	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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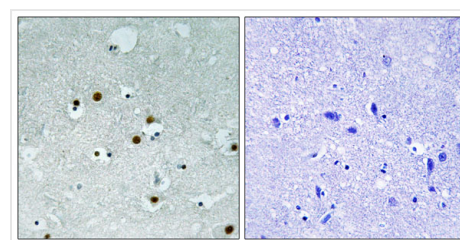
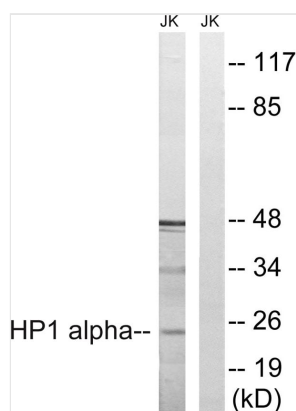
PRODUCT SYNONYMS

HP1alpha; HP1alpha (Ab-92) Antibody; antigen p25; chromobox protein homolog 5; heterochromatin protein 1 alpha; HP1 alpha; HP1A; anti-HP1alpha antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	HP1alpha (Ab-92) antibody detects endogenous levels of total HP1alpha protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	191
Applicable Applications for anti-HP1alpha antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human HP1alpha around the phosphorylation site of serine 92 (R-K-SP-N-F).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using HP1alpha (Ab-92) antibody. Western blot analysis of extracts from Jurkat cells, treated with insulin (0.01U/ml, 15mins), using HP1alpha (Ab-92) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HP1alpha antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Saunders W.S., J. Cell Sci. 104:573-582(1993). The MGC Project Team; Genome Res. 14:2121-2127(2004). Ye Q., J. Biol. Chem. 271:14653-14656(1996).

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	22,225 Da
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://www.aaabiotech.com/human-antibody/hp1alpha/110134>