

anti-Human HP1alpha Antibody | anti-HP1alpha antibody

HP1alpha (Phospho-Ser92) Antibody

CATALOG # AAA109307	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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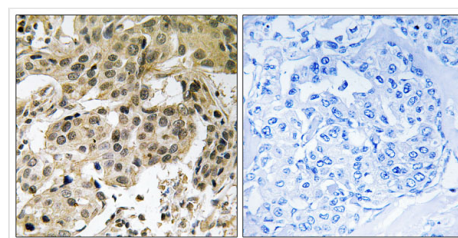
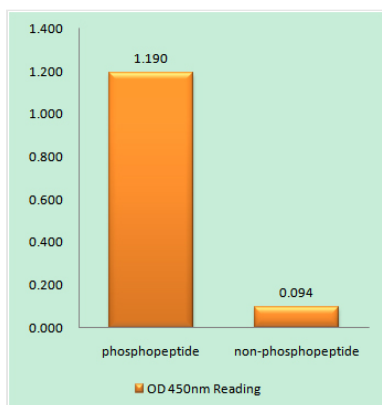
PRODUCT SYNONYMS

HP1alpha; HP1alpha (Phospho-Ser92) Antibody; antigen p25; chromobox protein homolog 5; heterochromatin protein 1 alpha; HP1 alpha; HP1A; anti-HP1alpha antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	HP1alpha (Phospho-Ser92) antibody detects endogenous levels of HP1alpha only when phosphorylated at serine 92.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	191
Applicable Applications for anti-HP1alpha antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HP1alpha around the phosphorylation site of serine 92 (R-K-SP-N-F).
All Sites	Human: Ser92
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using HP1alpha (Phospho-Ser92) antibody. HP1alpha (Phospho-Ser92) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

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). Ye Q., J. Biol. Chem. 271:14653-14656(1996). Ye Q., J. Biol. Chem. 272:14983-14989(1997).

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.

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Online datasheet: <https://www.aaabiotech.com/human-antibody/hp1alpha/109307>