

Rabbit CBX5 Polyclonal Antibody | anti-CBX5 antibody

CBX5 Polyclonal Antibody

CATALOG # AAA174191	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

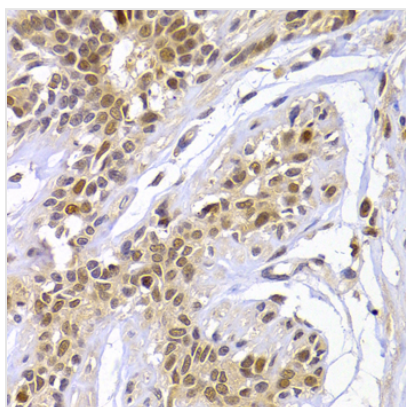
PRODUCT SYNONYMS

CBX5; Polyclonal Antibody; CBX5 Polyclonal Antibody; Antigen p25; CG8409; Chromobox 5; Chromobox homolog 5 (HP1 alpha homolog; Drosophila); Chromobox homolog 5; Chromobox protein homolog 5; Epididymis luminal protein 25; HEL25; Heterochromatin protein 1 alpha; Heterochromatin protein 1; Heterochromatin protein 1 homolog alpha; HP1 alpha; HP1 alpha homolog; HP1; HP1A; HP1Hs alpha; Su(var)205; anti-CBX5 antibody

PRODUCT SPECIFICATIONS

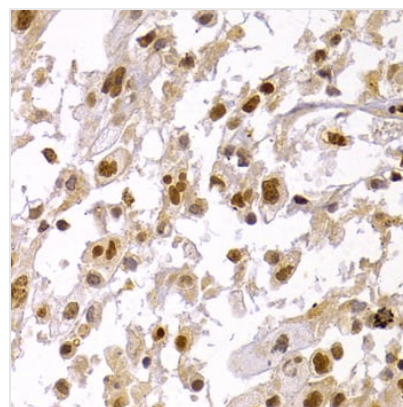
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	191
Applicable Applications for anti-CBX5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CBX5
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



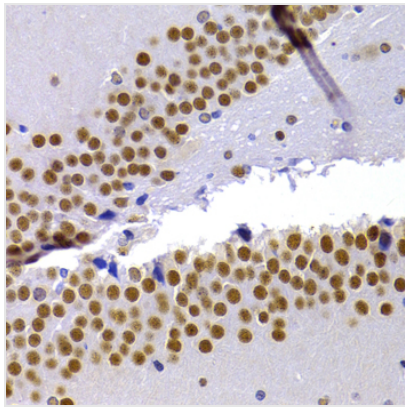
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human mammary gland using CBX5 antibody.



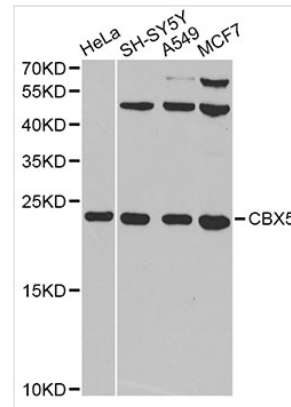
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain astrocytoma using CBX5 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat hippocampus using CBX5 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CBX5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CBX5 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 (CSD) 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.

Product Categories/Family for anti-CBX5 antibody

Cancer; Epigenetics and Nuclear Signaling; Tags & Cell Markers

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	Calculated: 22kDa Observed: 23kDa
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.