

Rabbit anti-Human CBX5 Polyclonal Antibody | anti-CBX5 antibody

Rabbit anti-CBX5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211195	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CBX5; Polyclonal Antibody; Rabbit anti-CBX5 Antibody; Affinity Purified; HP1; epididymis luminal protein 25; HP1Hs alpha; HP1-ALPHA; HP1A; HP1 alpha homolog; HP1 alpha; antigen p25; HEL25; heterochromatin protein 1-alpha; chromobox protein homolog 5; chromobox homolog 5 (HP1 alpha homolog; Drosophila); heterochromatin protein 1 homolog alpha; Chromobox protein homolog 5; chromobox 5; anti-CBX5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CBX5 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 141 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CBX5 by western blot and immunoprecipitation. Samples: Whole cell lysate (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CBX5 antibody BL3740 (Cat. No. AAA211195) used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate (B). Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human CBX5 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-CBX5 (Cat. No. AAA211195 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CBX5 antibody	CBX5 (chromobox protein homolog 5), also known as HP1 (heterochromatin protein 1 homolog alpha), is one of 3 isoforms of HP1 that binds heterochromatin and functions as a structural adaptor to stabilize and organize macromolecular complexes with nucleosomes for higher chromatin structure. All of the HP1 isoforms possess a chromodomain and chromoshadow domain and associate with methylated histones that mediate transcriptional repression.
Product Categories/Family for anti-CBX5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912292
NCBI GeneID	23468
NCBI Accession #	NP_036249.1
NCBI GenBank Nucleotide #	NM_012117.2
UniProt Accession #	P45973; B2R8T9
Molecular Weight	22,225 Da
NCBI Official Full Name	chromobox protein homolog 5
NCBI Official Synonym Full Names	chromobox homolog 5
NCBI Official Symbol	CBX5
NCBI Official Synonym Symbols	HP1; HP1A; HEL25
NCBI Protein Information	chromobox protein homolog 5; HP1-ALPHA; HP1Hs alpha; antigen p25; HP1 alpha homolog; epididymis luminal protein 25; heterochromatin protein 1-alpha; heterochromatin protein 1 homolog alpha; chromobox homolog 5 (HP1 alpha homolog, Drosophila)
UniProt Protein Name	Chromobox protein homolog 5
UniProt Gene Name	CBX5
UniProt Synonym Gene Names	HP1A; HP1 alpha
UniProt Entry Name	CBX5_HUMAN

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://stage.aaabiotech.com/polyclonal/cbx5-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211195>