

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

CBX5 Antibody

CATALOG # AAA230129	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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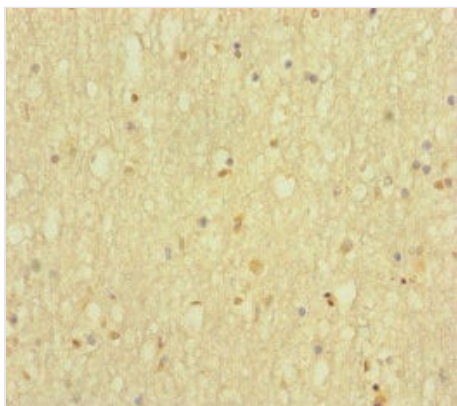
PRODUCT SYNONYMS

CBX5; Polyclonal Antibody; CBX5 Antibody; Chromobox protein homolog 5; Antigen p25; Heterochromatin protein 1 homolog alpha; HP1 alpha; HP1A; anti-CBX5 antibody

PRODUCT SPECIFICATIONS

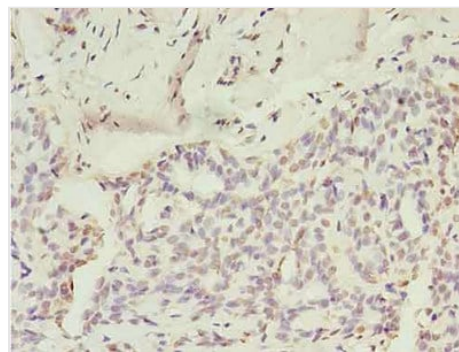
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	191
Applicable Applications for anti-CBX5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Chromobox protein homolog 5 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10210 / sc-30742 / sc-30743 / sc-10217 / sc-10215 / sc-28735
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



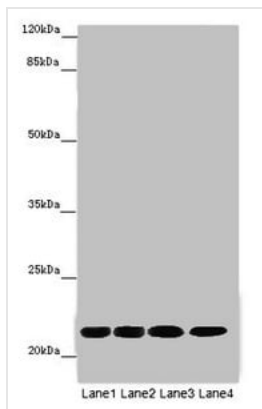
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA230129 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA230129 at dilution of 1:100



WB (Western Blot)
 Western blotAll lanes: CBX5 antibody at 9 ug/mL
 Lane 1: K562 whole cell lysate
 Lane 2: MCF7 whole cell lysate
 Lane 3: 293T whole cell lysate
 Lane 4: Hela whole cell lysate
 SecondaryGoat polyclonal to rabbit IgG at 1/10000 dilution
 Predicted band size: 22 kDa
 Observed band size: 22 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CBX5 antibody	Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway. The secreted form behaves both as a cytokine with immunomodulating properties and an adipokine with anti-diabetic properties, it has no enzymatic activity, partly because of lack of activation by ATP, which has a low level in extracellular space and plasma. Plays a role in the modulation of circadian clock function. NAMPT-dependent oscillatory production of NAD regulates oscillation of clock target gene expression by releasing the core clock component: CLOCK-ARNTL/BMAL1 heterodimer from NAD-dependent SIRT1-mediated suppression (By similarity).
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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	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
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.

