Rabbit CPA6 Polyclonal Antibody | anti-CPA6 antibody

CPA6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327900	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CPA6; Polyclonal Antibody; CPA6 Antibody; Carboxypeptidase A6; Carboxypeptidase B; CBPA6_HUMAN; CPAH; anti-CPA6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CPA6 antibody detects endogenous levels of total CPA6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	437
Applicable Applications for anti-CPA6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CPA6
Subcellular Location	Extracellular Region or Secreted
Tissue Specificity	Expressed in the hippocampus, nucleus raphe, and cortex.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

IHC (Immunohiostchemistry)
AAA327900 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of CPA6 using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CPA6 antibody	Function: May be involved in the proteolytic inactivation of enkephalins and neurotensin in some brain areas. May convert inactive angiotensin I into the biologically active angiotensin II (PubMed:18178555). Releases a C-terminal amino acid, with preference for large hydrophobic C-terminal amino acids and shows only very weak activity toward small amino acids and histidine (PubMed:20855895). Similarity: Belongs to the peptidase M14 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188536067
NCBI GeneID	57094
NCBI Accession #	NP_065094.3
NCBI GenBank Nucleotide #	NM_020361.4
UniProt Accession #	Q8N4T0; Q8NEX8; Q8TDE8; Q9NRI9
Molecular Weight	Observed: 51 kDa Predicted: 52 kDa
NCBI Official Full Name	carboxypeptidase A6 preproprotein
NCBI Official Synonym Full Names	carboxypeptidase A6
NCBI Official Symbol	CPA6
NCBI Official Synonym Symbols	CPAH; ETL5; FEB11
NCBI Protein Information	carboxypeptidase A6
UniProt Protein Name	Carboxypeptidase A6
UniProt Gene Name	**CPA6**
UniProt Synonym Gene Names	CPAH

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://stage.aaabiotech.com/polyclonal/cpa6-antibody-immunohistochemistry-western-blot-elisa/327900