

Rabbit CPA6 Polyclonal Antibody | anti-CPA6 antibody

CPA6 Polyclonal Antibody

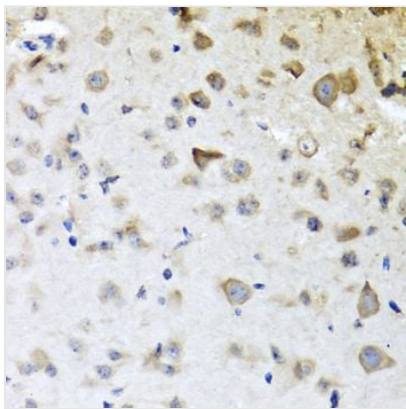
CATALOG # AAA281133	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

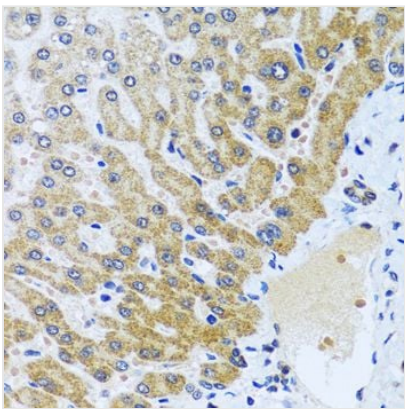
CPA6; Polyclonal Antibody; CPA6 Polyclonal Antibody; CPAH; ETL5; FEB11; anti-CPA6 antibody

PRODUCT SPECIFICATIONS

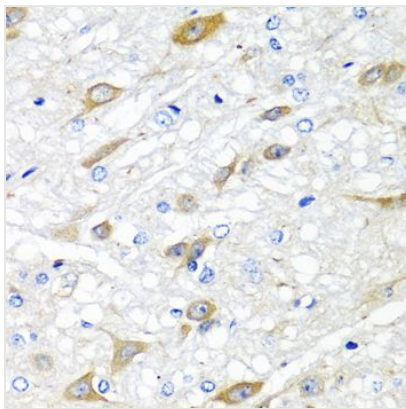
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	SLSGYNYEVY HSLEEIQNWM HHLNKTTHSL IHMFSGRSY EGRSLFILKL GRRSRLKRAV WIDCGIHARE WIGPAFCQWF VKEALLTYKS DPAMRKMLNH LYFYIMPVFN VDGYHFSWTN DRFWRKTRSR NSRFRCRGVD ANRNWKVKWC DEGASMHPCD DTYCGFPES EPEVKAVANF LRKHRKHIRA YLSFHAYAQM LLYPYSYKYA TIPNFRCVES AAYKAVNALQ SVYGVRYRYG PASTTLYVSS GSSMD
Sequence Length	437
Applicable Applications for anti-CPA6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CPA6
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Secreted, extracellular matrix, extracellular space
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.



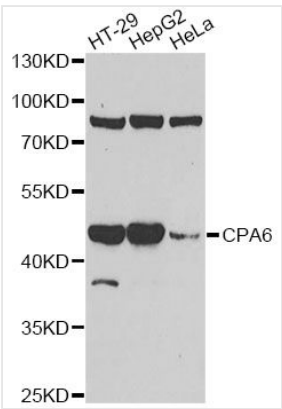
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using CPA6 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human liver using CPA6 antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat brain using CPA6 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using CPA6 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CPA6 antibody	The gene encodes a member of the peptidase M14 family of metallopeptidases. The encoded preproprotein is proteolytically processed to generate the mature enzyme, which catalyzes the release of large hydrophobic C-terminal amino acids. This enzyme has functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Mutations in this gene may be linked to epilepsy and febrile seizures, and a translocation t(6;8)(q26;q13) involving this gene has been associated with Duane retraction syndrome.
Product Categories/Family for anti-CPA6 antibody	Polyclonal Antibodies

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	Calculated: 10kDa; 37kDa; 51kDa Observed: 45kDa

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cpa6-antibody-immunohistochemistry-western-blot-elisa/281133>