

Rabbit CPNE1 Polyclonal Antibody | anti-CPNE1 antibody

CPNE1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198683	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

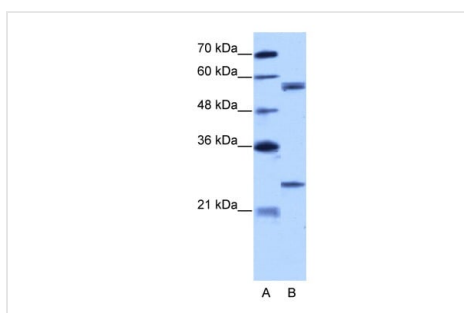
PRODUCT SYNONYMS

CPNE1; Polyclonal Antibody; CPNE1 antibody - N-terminal region; anti-CPNE1 antibody

PRODUCT SPECIFICATIONS

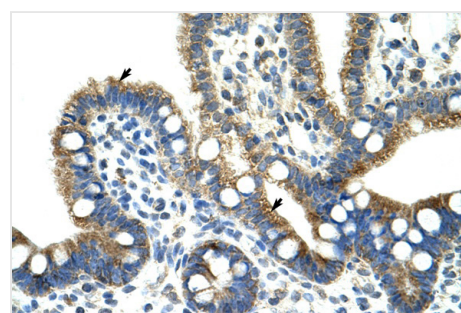
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticcp eptideloca tedwithint hefollowin gregion:TV QKLRFGIYDI DNKTPELRDD DFLGGAECSL GQIVSSQVLT LPLMLKPG
Sequence Length	537
Applicable Applications for anti-CPNE1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Sheep: 93%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CPNE1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CPNE1 Antibody Titration: 5.0ug/ml
Positive Control: HepG2 cell lysate
CPNE1 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Rabbit Anti-CPNE1 Antibody
Paraffin Embedded Tissue: Human Intestine
Cellular Data: Epithelial cells of intestinal villas
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-CPNE1 antibody	This is a rabbit polyclonal antibody against CPNE1. It was validated on Western Blot and immunohistochemistry Target Description: Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. CPNE1 is a calcium-dependent protein that also contains two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. However, the protein does not contain a predicted signal sequence or transmembrane domains. This protein has a broad tissue distribution and it may function in membrane trafficking.Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene encodes a calcium-dependent protein that also contains two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. However, the encoded protein does not contain a predicted signal sequence or transmembrane domains. This protein has a broad tissue distribution and it may function in membrane trafficking. This gene and the gene for RNA binding motif protein 12 overlap at map location 20q11.21. Sequence analysis identified multiple alternatively spliced variants in the 5' UTR. All variants encode the same protein.
Product Categories/Family for anti-CPNE1 antibody	Polyclonal; RNA Binding Proteins; Drugs and Drug Metabolism; Membrane & Traffic; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	197333761
NCBI GeneID	8904
NCBI Accession #	NP_003906
NCBI GenBank Nucleotide #	NM_003915
UniProt Accession #	Q99829
Molecular Weight	59kDa
NCBI Official Full Name	copine-1 isoform b
NCBI Official Synonym Full Names	copine 1
NCBI Official Symbol	CPNE1
NCBI Official Synonym Symbols	CPN1; COPN1
NCBI Protein Information	copine-1
UniProt Protein Name	Copine-1
UniProt Gene Name	CPNE1
UniProt Synonym Gene Names	CPN1

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/cpne1-antibody-western-blot-immunohistochemistry-elisa/198683>