

CPNE7 Rabbit pAb

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Catalog # AP55390

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9UBL6
Predicted	Rat, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70294
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CPNE7
Epitope Specificity	201-300/633
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene is one of several genes that encodes a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	27132
Other Names	Copine-7, Copine VII {ECO:0000303 PubMed:10534407, ECO:0000312 HGNC:HGNC:2320}, CPNE7 (HGNC:2320)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CPNE7 (HGNC:2320)
Function	Calcium-dependent phospholipid-binding protein that may play a role in

calcium-mediated intracellular processes.

Cellular Location

Cytoplasm. Nucleus. Cell membrane. Note=Translocates to the cell membrane in a calcium-dependent manner (PubMed:21087455)

Tissue Location

Expressed in the brain, testis, thymus and small intestine (PubMed:10534407, PubMed:12949241)

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.