



Mouse anti-Human CPNE1 monoclonal antibody, clone 9C9 (CABT-B10026)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CPNE1 (NP_003906, 111 a.a. ~ 211 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	9C9
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA,RNAi Knockdown
Sequence Similarities	TLPLMLKPGKPAGRGTTITVSAQELKDNRVVTMEVEARNLDDKKDFLGKSDPFLEFFRQGDG KWHLVYRSEVIKNNLNPTWKRFSVPVQHFCGGNPSTPIQV*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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
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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. Alternate splicing results in multiple transcript variants encoding different proteins. [provided by RefSeq, Aug 2008]

Keywords	CPNE1; copine I; CPN1; COPN1; copine-1;
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GENE INFORMATION

Entrez Gene ID	8904
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Function	calcium-dependent phospholipid binding; phosphatidylserine binding; transporter activity
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