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Datasheet for ABIN7148512
anti-CPNE1 antibody (AA 326-537) (Biotin)

Overview

Quantity:	100 µL
Target:	CPNE1
Binding Specificity:	AA 326-537
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPNE1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Copine-1 protein (326-537AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CPNE1
Alternative Name:	CPNE1 (CPNE1 Products)
Background:	Background: Calcium-dependent phospholipid-binding protein that plays a role in calcium-mediated intracellular processes (PubMed:14674885). Involved in the TNF-alpha receptor

Target Details

signaling pathway in a calcium-dependent manner (PubMed:14674885). Exhibits calcium-dependent phospholipid binding properties (PubMed:9430674, PubMed:19539605). Plays a role in neuronal progenitor cell differentiation, induces neurite outgrowth via a AKT-dependent signaling cascade and calcium-independent manner (PubMed:23263657, PubMed:25450385). May recruit target proteins to the cell membrane in a calcium-dependent manner (PubMed:12522145). May function in membrane trafficking (PubMed:9430674). Involved in TNF-alpha-induced NF-kappa-B transcriptional repression by inducing endoprotease processing of the transcription factor NF-kappa-B p65/RELA subunit (PubMed:18212740). Also induces endoprotease processing of NF-kappa-B p50/NFKB1, p52/NFKB2, RELB and REL (PubMed:18212740).

Aliases: Copine 1 antibody, Copine I antibody, Copine-1 antibody, Copine1 antibody, Copinel antibody, COPN 1 antibody, COPN1 antibody, CPN 1 antibody, CPN1 antibody, CPNE 1 antibody, CPNE1 antibody, CPNE1_HUMAN antibody, MGC1142 antibody

UniProt: [Q99829](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.