

## anti- CPNE1 antibody

### Product Information

Catalog No.:	FNab01926
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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

### Immunogen information

Immunogen:	copine I
Synonyms:	CPN1
Observed MW:	None
Uniprot ID :	Q99829

### Wuhan Fine Biotech Co., Ltd.

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**Application**

Reactivity: Human

Tested Application: ELISA

Recommended dilution: None

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