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Datasheet for ABIN2784977

anti-Copine IV antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	Copine IV (CPNE4)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CPNE4
Sequence:	EAYQSCLPKL QLYGPTNIAP IIQKVAKSAS EETNTKEASQ YFILLILTGD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CPNE4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Copine IV (CPNE4)
Alternative Name:	CPNE4 (CPNE4 Products)

Target Details

Background: 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 encode a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. 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 encode a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus.

Alias Symbols: COPN4, CPN4, MGC15604

Protein Interaction Partner: UBE2O, CEP162, MYCBP, PITPNM2, CCDC22, BCOR, CPNE1, UBE2M, BICD1, PDCD6, PPP5C, SPTBN1, RDX, MAP2K1, SKIL, ACTB, Cdc42bpb, Etl4, Cenpf, Mycbp2, Bicd2, Alg2, Nono,

Protein Size: 557

Molecular Weight: 62 kDa

Gene ID: 131034

NCBI Accession: [NM_130808](#), [NP_570720](#)

UniProt: [Q96A23](#)

Application Details

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

Comment: Antigen size: 557 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CPNE4 Antibody Titration:

0.2-1 ug/ml

Positive Control: HepG2 cell lysate