# antibodies - online.com







# anti-Copine IV antibody (C-Term)



Image



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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 YFILLILTDG
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**

Bac	kar	ound:

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

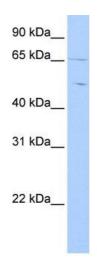
#### Handling

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:	omment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in sm 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