

Datasheet for ABIN2786241

anti-Copine II antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Copine II (CPNE2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Rabbit, Rat, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Copine II antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Mouse Cpne2
Sequence:	QCCVCKVELS VSGQNLLDRD VTSKSDPFCV LFIEDNGRWM EFDRTETAVN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against Cpne2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Copine II (CPNE2)
Alternative Name:	Cpne2 (CPNE2 Products)

Target Details

Background:	<p>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 encodes a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus.</p> <p>Alias Symbols: 3322401K10Rik, MGC30751, MGC37787</p> <p>Protein Interaction Partner: Grb2,</p> <p>Protein Size: 548</p>
Molecular Weight:	60 kDa
Gene ID:	234577
NCBI Accession:	NM_153507 , NP_705727
UniProt:	P59108

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 548 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.
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.



Western Blotting

Image 1. WB Suggested Anti-Cpne2 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Stomach