## ANTIBODIES ONLINE

## Datasheet for ABIN631417 anti-Copine IV antibody (N-Term)

Image



Overview

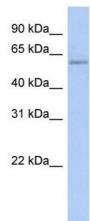
1

Quantity:	100 μL
Target:	Copine IV (CPNE4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Copine IV antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Copine IV antibody was raised using the N terminal of CPNE4 corresponding to a region with
	amino acids EADFLGGMECTLGQIVSQRKLSKSLLKHGNTAGKSSITVIAEELSGNDDY
Specificity:	Copine IV antibody was raised against the N terminal of CPNE4
Purification:	Affinity purified
Target Details	
Target:	Copine IV (CPNE4)
Alternative Name:	Copine IV (CPNE4 Products)
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

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Target Details	
	sequence in the C-terminus. Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm.
Molecular Weight:	62 kDa (MW of target protein)
Application Details	
Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Copine IV Blocking Peptide, catalog no. 33R-2252, is also available for use as a blocking control in assays to test for specificity of this Copine IV antibody
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CPNE4 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

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## Western Blotting

**Image 1.** Copine IV antibody used at 1 ug/ml to detect target protein.

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