

For Research Use Only

CPNE5 Polyclonal antibody

Catalog Number: 18097-1-AP



Basic Information

Catalog Number: 18097-1-AP	GenBank Accession Number: BC053872	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 57699	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: Q9HCH3	
Isotype: IgG	Full Name: copine V	
Immunogen Catalog Number: AG11987	Calculated MW: 593 aa, 66 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse embryo tissue,
Species Specificity: human, mouse, rat	

Background Information

Copines are a family of evolutionarily conserved calcium-dependent phospholipid-binding proteins (PMID: 9430674). They contain two Ca(2+)- and phospholipid-binding domains known as C2 domains. Copines are potentially involved in regulating membrane trafficking and in protein-protein interactions. Copine-5 (CPNE5) has been reported to have a potential role in the development of murine central nervous system (PMID: 18614158).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

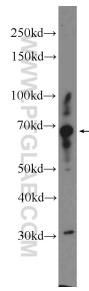
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Selected Validation Data



mouse embryo tissue were subjected to SDS PAGE followed by western blot with 18097-1-AP (CPNE5 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.