

For Research Use Only

CPNE6 Polyclonal antibody

Catalog Number: 13782-1-AP **3 Publications**



Basic Information

Catalog Number: 13782-1-AP	GenBank Accession Number: BC018046	Purification Method: Antigen affinity purification
Size: 133 µg/ml	GeneID (NCBI): 9362	Recommended Dilutions: WB 1:2000-1:12000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: O95741	
Isotype: IgG	Full Name: copine VI (neuronal)	
Immunogen Catalog Number: AG4789	Calculated MW: 557 aa, 62 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue IHC : rat dorsal root ganglion tissue,
Cited Applications: WB, IP, IF, ColP	
Species Specificity: human, mouse, rat	
Cited Species: human, rat, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Binglin Zhu	26723968	J Neurol Sci	WB,IF
Jing Zhi Anson Tan	37979168	Cell Rep	IP,WB,ColP
Xiaoxia Li	38025258	Front Mol Neurosci	WB

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:

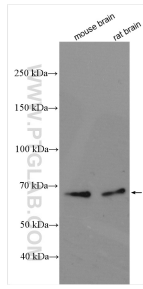
T: 4006900926

E: Proteintech-CN@ptglab.com

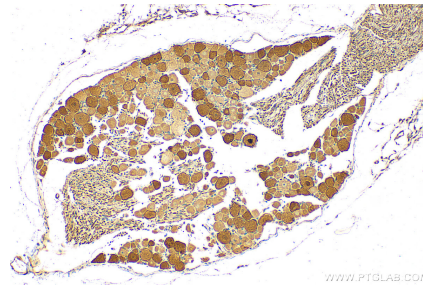
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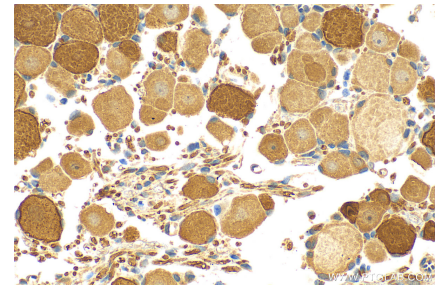
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13782-1-AP (CPNE6 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat dorsal root ganglion tissue slide using 13782-1-AP (CPNE6 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat dorsal root ganglion tissue slide using 13782-1-AP (CPNE6 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).