

For Research Use Only

CABP7 Polyclonal antibody

Catalog Number: 17675-1-AP



Basic Information

Catalog Number: 17675-1-AP	GenBank Accession Number: BC051805	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 164633	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q86V35	
Isotype: IgG	Full Name: calcium binding protein 7	
Immunogen Catalog Number: AG11654	Calculated MW: 215 aa, 24 kDa	
	Observed MW: 24 kDa	

Applications

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

Background Information

CABP7 belongs to the calmodulin superfamily of proteins and harbors 2 high-affinity EF-hand motifs and a C-terminal transmembrane domain. CABP7 controls cytokinesis by modulating phosphatidylinositol 4-phosphate (PI4P) levels in cells.

Storage

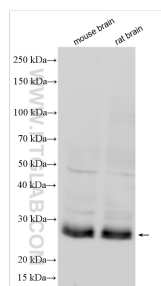
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

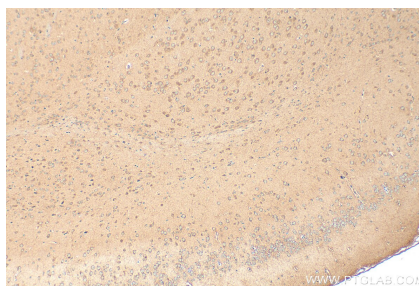
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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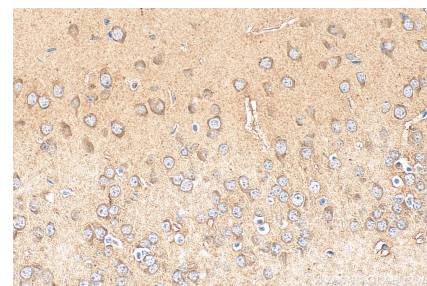
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17675-1-AP (CABP7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17675-1-AP (CABP7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17675-1-AP (CABP7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).