

For Research Use Only

CACNA1E Polyclonal antibody, PBS Only

Catalog Number: 27225-1-PBS



Basic Information

Catalog Number: 27225-1-PBS	GenBank Accession Number: NM_000721	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 777	
Source: Rabbit	UNIPROT ID: Q15878	
Isotype: IgG	Full Name: calcium channel, voltage-dependent, R type, alpha 1E subunit	
Immunogen Catalog Number: AG25944	Calculated MW: 262 kDa	
	Observed MW: 240 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CACNA1E is a gene encoding the ion-conducting $\alpha 1$ subunit of R-type voltage-dependent calcium channels, genetic variability of CACNA1E is associated to risk of type 2 diabetes, insulin resistance and impaired insulin secretion in nondiabetic subjects.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

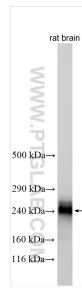
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

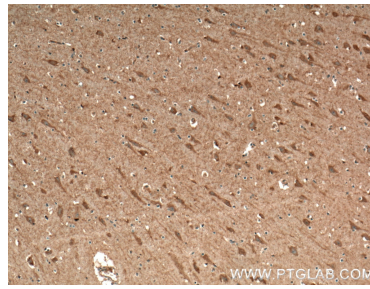
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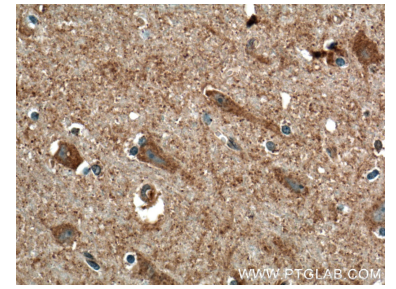
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27225-1-AP (CACNA1E antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27225-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 27225-1-AP (CACNA1E Antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27225-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 27225-1-AP (CACNA1E Antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27225-1-PBS in a different storage buffer formulation.