CACNA1E Polyclonal antibody, PBS Only

Catalog Number:**27225-1-PBS**

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
27225-1-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG25944

GenBank Accession Number:
NM_000721

GeneID (NCBI):
777

UNIPROT ID:
Q15878

Full Name:
calcium channel, voltage-dependent, R type, alpha 1E subunit

Calculated MW:
262 kDa

Observed MW:
240 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CACNA1E is a gene encoding the ion-conducting α 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℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS only, pH7.3

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
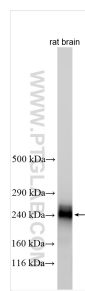
Various lysates were subjected to SDS PAGE followed by western blot with 27225-1-AP (CACNA1E antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27225-1-PBS in a different storage buffer formulation.
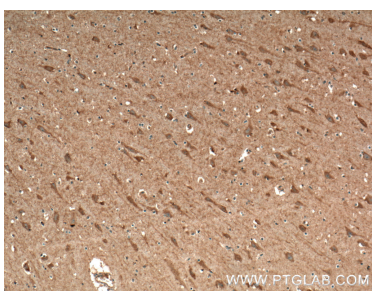
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 27225-1-AP (CACNA1E Antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27225-1-PBS in a different storage buffer formulation.
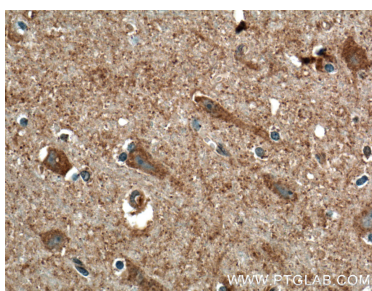
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 27225-1-AP (CACNA1E Antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27225-1-PBS in a different storage buffer formulation.