

APBB1 Monoclonal antibody, PBS Only

Catalog Number: **67077-1-PBS**

Basic Information

Catalog Number:

67077-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27436

GenBank Accession Number:

BC010854

GeneID (NCBI):

322

UNIPROT ID:

O00213

Full Name:

amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65)

Calculated MW:

708 aa, 77 kDa

Observed MW:

100 kDa

Purification Method:

Protein G purification

CloneNo.:

1B9G10

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

Human, Mouse, Rat, Pig

Background Information

APBB1 (Amyloid-beta A4 precursor protein-binding family B member 1) encoded FE65 protein. It was known as a binding partner of APP in the Alzheimer's disease studies, and expressed at high levels in brain especially in cerebellum, hippocampus, and cortex. FE65 and FE65-like (FE65L or FE65L1) proteins are cytoplasmic adaptor proteins that possess two phosphotyrosine binding domains (PTB1 and PTB2) and one WW binding domain (PMID:22429478). After phosphorylation modification, the band of FE65 protein would appear around 100 kDa. However, some tested a non-specific band at 55-60 kDa, it was referred to as FE65-like protein (PMID:12843239).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**Storage Buffer:**

PBS Only

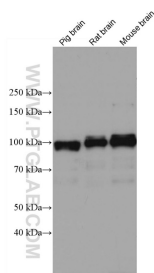
For technical support and original validation data for this product please contact:

T: 4006900926

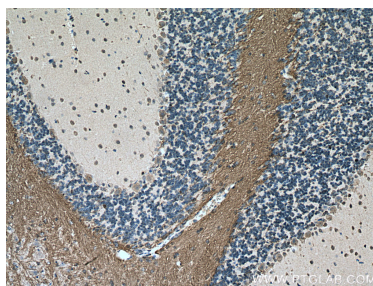
E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

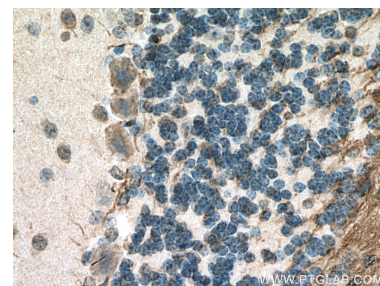
Selected Validation Data



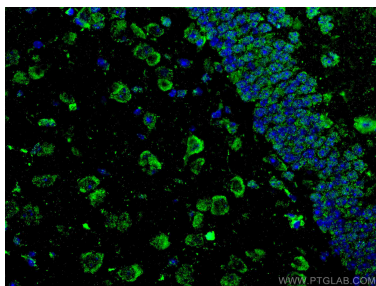
Various lysates were subjected to SDS PAGE followed by western blot with 67077-1-Ig (APBB1 antibody) at dilution of 1:1400 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67077-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67077-1-Ig (APBB1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67077-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 67077-1-Ig (APBB1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67077-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using APBB1 antibody (67077-1-Ig, Clone: 1B9G10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67077-1-PBS in a different storage buffer formulation.