For Research Use Only

CoraLite®594-conjugated APBB1 Monoclonal antibody

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

Catalog Number:CL594-67077

Basic Information

Catalog Number:
CL594-67077

Size:
1000 μg/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

Purification Method:
Protein G purification

CloneNo.:
1B9G10

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF-P

Species Specificity:
Human, Mouse, Rat, Pig

Positive Controls:

IF : mouse brain tissue,

Background Information

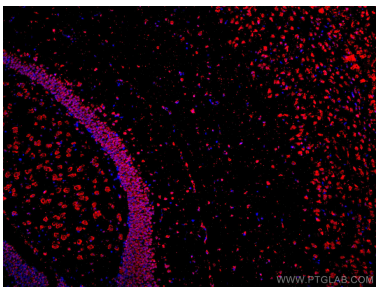
APBB1(Amyloid-beta A4 precursor protein-binding family B member 1) encoded FE65 protein. It was known as a binding partner of APP in the Alzheimer's disease studies, and expressed at high levels in brain especially in cerebellum, hippocampus, and cortex. FE65 and FE65-like (FE65L or FE65L1) proteins 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 refer to as FE65-like protein(PMID:12843239).

Storage

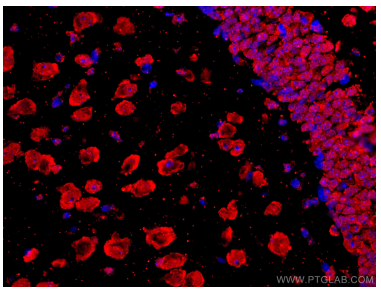
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 APBB1 antibody (CL594-67077, Clone: 1B9G10) at dilution of 1:200.



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