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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-FE65/APBB1 Antibody

Catalog Number: RP1059

About APBB1

APBB1 is also known as RIR or FE65. The protein encoded by this gene is a member of the Fe65 protein family. It is an adaptor protein localized in the nucleus. It interacts with the Alzheimer's disease amyloid precursor protein (APP), transcription factor CP2/LSF/LBP1 and the low-density lipoprotein receptor-related protein. APP functions as a cytosolic anchoring site that can prevent the gene product's nuclear translocation. This encoded protein could play an important role in the pathogenesis of Alzheimer's disease. It is thought to regulate transcription. Also it is observed to block cell cycle progression by downregulating thymidylate synthase expression. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Overview

Product Name	Anti-FE65/APBB1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-FE65/APBB1 Antibody catalog # RP1059. Tested in WB applications. This antibody reacts with Human, Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O00213

Technical Details

Immunogen	E.coli-derived human FE65 recombinant protein (Position: Q295-A613). Human FE65 shares 95%and 96% amino acid (aa) sequence identity with mouse and rat FE65, respectively.
Predicted Reactive Species	Bovine
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized

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Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blot, 0.1-0.5ug/ml, Human, Mouse

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Anti-FE65/APBB1 Antibody (RP1059) Images

Anti-FE65 antibody, RP1059, Western blotting
All lanes: Anti (RP1059) at 0.5ug/ml
WB: Mouse Brain Tissue Lysate at 50ug
Predicted bind size: 77KD
Observed bind size: 77KD

Submit a product review to Biocompare.com