

APBB1 Antibody

APBB1, amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65), FE65, MGC:9072, RIR, adaptor protein FE65a2, amyloid beta A4 precursor protein-binding, family B, member 1, stat-like protein

CATALOG NO.: 45-261

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

APBB1 Antibody. This antibody is expected to recognise both reported isoforms (NP_001155.1 and NP_663722.1).

SOURCE:

APBB1 antibody was raised against a synthetic peptide of APBB1.

PROTEIN ACCESSION NUMBER(S) :

NP_001155.1, NP_663722.1

SPECIES REACTIVITY:

Human

TESTED APPLICATION:

WB, E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:128,000. Approx 100kDa band observed in lysates of NIH/3T3 and HeLa (calculated MW of 77.2kDa according to NP_001155.1 and 77.0kDa according to NP_663722.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Zambrano et al, J Biol Chem. 1998 Aug 7;273(32):20128-33.; PMID: 9685356). Recommended concentration: 0.1-0.3µg/ml.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of APBB1 in NIH/3T3 lysate (35µg protein in RIPA buffer) using APBB1 antibody (0.1µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Hoe HS, Magill LA, Guenette S, Fu Z, Vicini S, Rebeck GW. FE65 Interaction with the apoE receptor ApoEr2. J Biol Chem. 2006 Apr 25; [Epub ahead of print]

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.