

ARG64035 anti-APBB1 / FE65 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes APBB1 / FE65
Tested Reactivity	Ms
Predict Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_001155.1 and NP_663722.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	APBB1 / FE65
Species	Human
Immunogen	C-GSLKPKRLGAHTP
Conjugation	Un-conjugated
Alternate Names	FE65; Amyloid beta A4 precursor protein-binding family B member 1; Protein Fe65; RIR; MGC:9072

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 11785 Mouse](#)

[Swiss-port # Q9QXJ1 Mouse](#)

Background 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. [provided by RefSeq, Mar 2012]

Research Area Neuroscience antibody; Signaling Transduction antibody

Calculated Mw 77 kDa

PTM Phosphorylation at Ser-610 by SGK1 promotes its localization to the nucleus (By similarity). Phosphorylated following nuclear translocation. Phosphorylation at Tyr-547 by ABL1 enhances transcriptional activation activity and reduces the affinity for RASD1/DEXRAS1.

Images



ARG64035 anti-APBB1 / FE65 antibody WB image

Western Blot: NIH/3T3 lysate (35 µg protein in RIPA buffer) stained with ARG64035 anti-APBB1 / FE65 antibody at 0.1 µg/ml dilution.