Datasheet for ABIN6136973

anti-FE65 antibody (AA 359-708)

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1 Image

Overview

Quantity:	100 µL
Target:	FE65 (APBB1)
Binding Specificity:	AA 359-708
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FE65 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 359-708 of human APBB1 (NP_663722.1).
Sequence:	PPRNTNPGIK CFAVRSLGWV EMTEEELAPG RSSVAVNNCI RQLSYHKNNL HDPMSGGWGE GKDLLLQLED ETLKLVEPQS QALLHAQPII SIRVWGVGRD SGRDFAYVAR DKLTQMLKCH VFRCEAPAKN IATSLHEICS KIMAERRNAR CLVNGLSLDH SKLVDVPFQV EFPAPKNELV QKFQVYYLGN VPVAKPVGVD VINGALESVL SSSSREQWTP SHVSVAPATL TILHQQTEAV LGECRVRFLS FLAVGRDVHT FAFIMAAGPA SFCCHMFWCE PNAASLSEAV QAACMLRYQK CLDARSQAST SCLPAPPAES VARRVGWTVR RGVQSLWGSL KPKRLGAHTP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification:	Affinity purification

Target Details

Target:	FE65 (APBB1)
Alternative Name:	APBB1 (APBB1 Products)
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.,APBB1,FE65,MGC:9072,RIR,Epigenetics & Nuclear Signaling,Signal Transduction,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,APBB1
Molecular Weight:	49 kDa/52 kDa/53 kDa/54 kDa/76 kDa/77 kDa
Gene ID:	322
UniProt:	O00213
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB,1:50 - 1:200
Restrictions:	For Research Use only

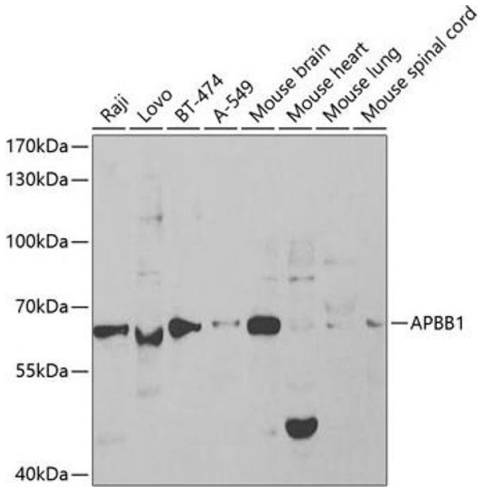
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using antibody (ABIN6129919, ABIN6136973, ABIN6136974 and ABIN6219091) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.