

APBB2 Rabbit pAb

Catalog # AP99619

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q92870
Other Accession	Q92870
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83374
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human APBB2
Epitope Specificity	251-350/758
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 PID domains. Contains 1 WW domain.
SUBUNIT	Binds to the intracellular domain of the beta-amyloid precursor protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene interacts with the cytoplasmic domains of amyloid beta (A4) precursor protein and amyloid beta (A4) precursor-like protein 2. This protein contains two phosphotyrosine binding (PTB) domains, which are thought to function in signal transduction. Polymorphisms in this gene have been associated with Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]

Additional Information

Gene ID	323
Other Names	FE65L; FE65L1; 2310007D03Rik; Rirl1; TR2L; Zfra; APBB2_HUMAN; APBB2; Amyloid-beta (A4) precursor protein-binding family B member 2; Protein Fe65-like 1; APBB2_MOUSE; amyloid beta precursor protein binding family B member 2; amyloid beta (A4) precursor protein-binding, family B, member 2; Fe65-like
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	APBB2 (HGNC:582)
Function	Plays a role in the maintenance of lens transparency, and may also play a role in muscle cell strength (By similarity). Involved in hippocampal neurite branching and neuromuscular junction formation, as a result plays a role in spatial memory functioning (By similarity). Activates transcription of APP (PubMed: 14527950).
Cellular Location	Endoplasmic reticulum. Golgi apparatus. Early endosome
Tissue Location	Widely expressed..

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