

APBB3 Rabbit pAb

Catalog # AP97311

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O95704
Other Accession	O95704
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52585
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human APBB3
Epitope Specificity	401-486/486
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. Also binds to APP-like proteins.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Fe65L2 is a 486 amino acid protein that contains one WW domain and two PID domains. Binding to the intracellular domain of the β -Amyloid precursor protein, Fe65L2 is thought to modulate the internalization and, therefore, the accessibility and function of β -Amyloid. Via its ability to control the intracellular accumulation of β -Amyloid, Fe65L2 is thought to play a role in the pathogenesis of Alzheimer's disease. Fe65L2 exists as four alternatively spliced isoforms designated isoform I, isoform II, isoform III and isoform IV. Fe65L2 interacts with Amyloid-like protein and is encoded by a gene located on human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Additional Information

Gene ID	10307
Other Names	FE65L2; SRA; Rirl2; TR2S; APBB3_HUMAN; APBB3; Protein Fe65-like 2 (Fe65L2); APBB3_MOUSE; APBB3_RAT; amyloid beta precursor protein binding family B member 3; amyloid beta (A4) precursor protein-binding, family B, member 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=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	APBB3 (HGNC:20708)
Function	May modulate the internalization of amyloid-beta precursor protein.
Cellular Location	Cytoplasm. Nucleus [Isoform I-245]: Nucleus.
Tissue Location	Expressed in various tissues, highest expression in brain.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.