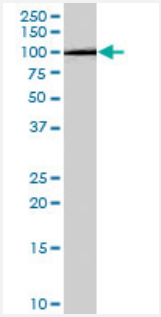
APBB1 polyclonal antibody

Catalog # PAB7086 Size 100 ug

Applications



Western Blot (Cell lysate)

APBB1 polyclonal antibody (Cat # PAB7086) (0.1 ug/mL) staining of NIH/3T3 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of APBB1.
Immunogen	A synthetic peptide corresponding to human APBB1.
Sequence	C-GSLKPKRLGAHTP
Host	Goat
Theoretical MW (kDa)	77.2, 77
Reactivity	Human, Mouse
Specificity	This antibody is expected to recognize both reported isoforms (NP_001155.1 and NP_663722.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:128000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — APBB1

Entrez GeneID	322
Protein Accession#	NP_001155.1;NP_663722.1
Gene Name	APBB1
Gene Alias	FE65, MGC:9072, RIR
Gene Description	amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65)
Omim ID	602709
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the Fe65 protein family. It is an adaptor protein l ocalized 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. T his encoded protein could play an important role in the pathogenesis of Alzheimer's disease. It is t hought to regulate transcription. Also it is observed to block cell cycle progression by downregulat ing thymidylate synthase expression. Multiple alternatively spliced transcript variants have been d escribed for this gene but some of their full length sequence is not known. [provided by RefSeq

Other Designations	adaptor protein FE65a2|amyloid beta A4 precursor protein-binding, family B, member 1|stat-like protein

Publication Reference

- FE65 interaction with the ApoE receptor ApoEr2.

  Hoe HS, Magill LA, Guenette S, Fu Z, Vicini S, Rebeck GW.

  The Journal of Biological Chemistry 2006 Aug; 281(34):24521.

  Application: IF, IP, WB-Tr, Monkey, Mouse, CIOS-7 cells, Mouse primary cortical neurons

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis
- Parkinson disease
- Tobacco Use Disorder