

RecomAb™

## APBB1 recombinant monoclonal antibody, clone R02-2T2

Catalog # RAB05610      Size 100 uL

### Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human APBB1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against corresponding to human APBB1.
Theoretical MW (kDa)	Calculated MW: 77 kD
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Immunofluorescence (1/50-1/200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1/50-1/100) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence

## Gene Info — APBB1

**Entrez GeneID** [322](#)

**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 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 have been described 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

## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Parkinson disease](#)

- [Tobacco Use Disorder](#)