

Datasheet for ABIN3043784
anti-FE65 antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	FE65 (APBB1)
Binding Specificity:	AA 21-56, N-Term
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FE65 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Amyloid beta A4 precursor protein-binding family B member 1(APBB1) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human FE65 (21-56aa ALSLPLPLHAAHNQLLNAKLQATAVGPKDLRSAMGE), different from the related mouse sequence by two amino acids, and from the related rat sequence by three amino acids.
Sequence:	ALSLPLPLHA AHNQLLNAKL QATAVGPKDL RSAMGE
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Amyloid beta A4 precursor protein-binding family B member 1(APBB1) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65)

Product Details

Protein Name: Amyloid beta A4 precursor protein-binding family B member 1

Purification: Immunogen affinity purified.

Target Details

Target: FE65 (APBB1)

Alternative Name: APBB1 ([APBB1 Products](#))

Background: APBB1 is also known as RIR or FE65. 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.

Synonyms: Adaptor protein FE65a2 antibody|Amyloid beta (A4) precursor protein binding family B member 1 antibody|Amyloid Beta A4 Precursor Protein Binding Family B antibody|Amyloid beta A4 precursor protein binding family B member 1 antibody|Amyloid beta A4 precursor protein-binding family B member 1 antibody|Amyloid beta precursor protein binding family B member 1 antibody|APBB 1 antibody|APBB1 antibody|APBB1_HUMAN antibody|FE 65 antibody|Fe65 protein antibody|Protein Fe65 antibody|RIR antibody|stat like protein antibody

Gene ID: 322

UniProt: [O00213](#)

Pathways: [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Other applications have not been tested.
Optimal dilutions should be determined by end users.

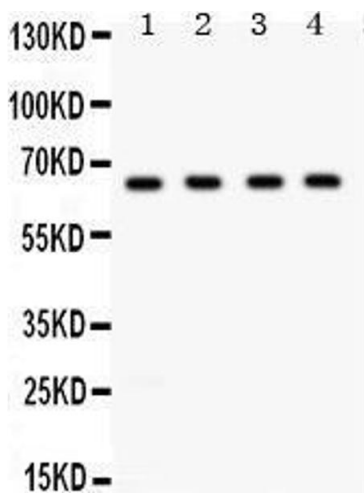
Application Details

Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

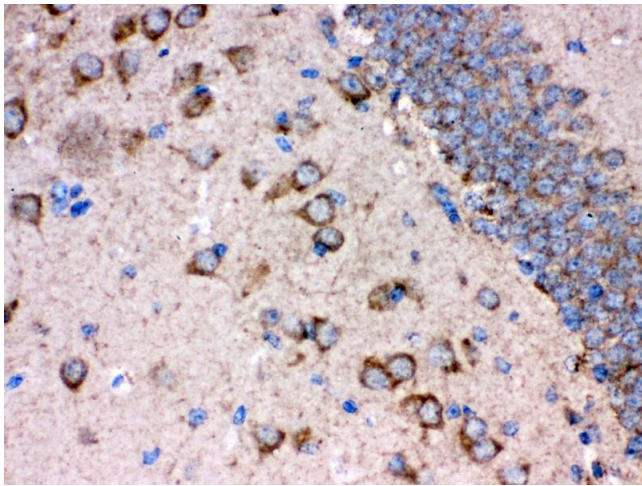
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Validation report #300030 for Immunohistochemistry (IHC)



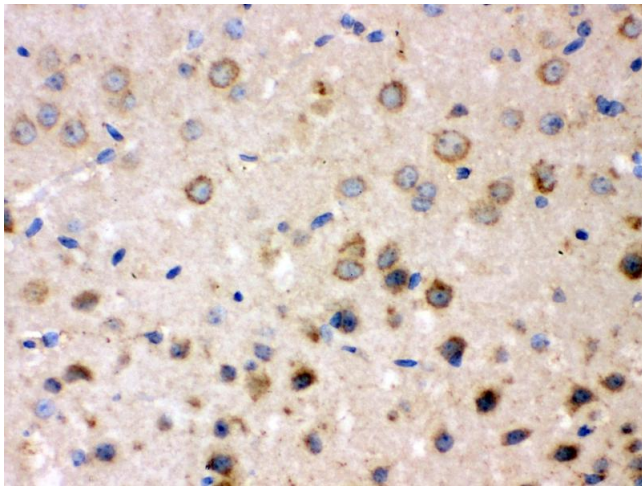
Western Blotting

Image 1.



Immunohistochemistry

Image 2. Anti- FE65 Picoband antibody, IHC(P) IHC(P): Rat Brain Tissue



Immunohistochemistry

Image 3. Anti- FE65 Picoband antibody, IHC(P) IHC(P): Mouse Brain Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3043784.