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Datasheet for ABIN755814  
**anti-FE65 antibody (pSer347) (Biotin)**

### Overview

Quantity:	100 µL
Target:	FE65 (APBB1)
Binding Specificity:	pSer347
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FE65 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human APBB1 around the phosphorylation site of Ser347 [SL(p-S)PE]
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	FE65 (APBB1)
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## Target Details

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

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Background: Synonyms: Adaptor protein FE65a2, Amyloid beta A4 precursor protein binding family B member 1, Amyloid beta A4 precursor protein binding family B, Amyloid beta A4 precursor protein binding family B member 1, Amyloid beta precursor protein binding family B member 1, APBB 1, APBB1, FE 65, Fe65 protein, MGC 9072, MGC9072, Protein Fe65, RIR, Stat like protein, Fe-65 Protein, APBB1\_HUMAN.

Background: 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.

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Gene ID: 322

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

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## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months