

Datasheet for ABIN725075  
**anti-FE65 antibody (AA 201-300)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	FE65 (APBB1)
Binding Specificity:	AA 201-300
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FE65 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Fe65 protein
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	FE65 (APBB1)
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## Target Details

Alternative Name:	FE65 ( <a href="#">APBB1 Products</a> )
Background:	<p>Synonyms: RIR, FE65, MGC:9072, Amyloid beta A4 precursor protein-binding family B member 1, Protein Fe65, APBB1</p> <p>Background: Transcription coregulator that can have both coactivator and corepressor functions. Adapter protein that forms a transcriptionally active complex with the gamma-secretase-derived amyloid precursor protein (APP) intracellular domain. Plays a central role in the response to DNA damage by translocating to the nucleus and inducing apoptosis. May act by specifically recognizing and binding histone H2AX phosphorylated on 'Tyr-142' (H2AXY142ph) at double-strand breaks (DSBs), recruiting other pro-apoptosis factors such as MAPK8/JNK1. Required for histone H4 acetylation at double-strand breaks (DSBs). Its ability to specifically bind modified histones and chromatin modifying enzymes such as KAT5/TIP60, probably explains its transcription activation activity. Function in association with TSHZ3, SET and HDAC factors as a transcriptional repressor, that inhibits the expression of CASP4. Associates with chromatin in a region surrounding the CASP4 transcriptional start site(s).</p>
Gene ID:	322
UniProt:	<a href="#">O00213</a>
Pathways:	<a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

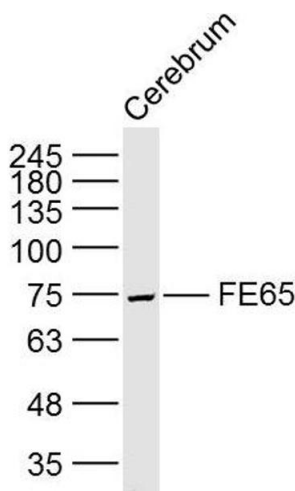
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

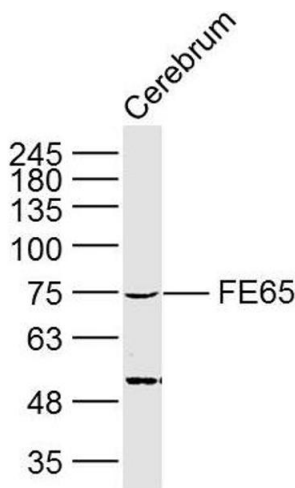
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

**Image 1.** Lane 1: Rat cerebrum lysates probed with FE65 Polyclonal Antibody, Unconjugated (bs-0110R) at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:20000 for 90 min at 37°C.



Western Blotting

**Image 2.** Lane 1: Mouse cerebrum lysates probed with FE65 Polyclonal Antibody, Unconjugated (bs-0110R) at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:20000 for 90 min at 37°C.