

Datasheet for ABIN7144040
anti-FE65 antibody (AA 361-710)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	FE65 (APBB1)
Binding Specificity:	AA 361-710
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FE65 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Amyloid beta A4 precursor protein-binding family B member 1 protein (361-710AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	FE65 (APBB1)
Alternative Name:	APBB1 (APBB1 Products)
Background:	Background: Transcription coregulator that can have both coactivator and corepressor

Target Details

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). Aliases: 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

UniProt: [O00213](#)

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

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

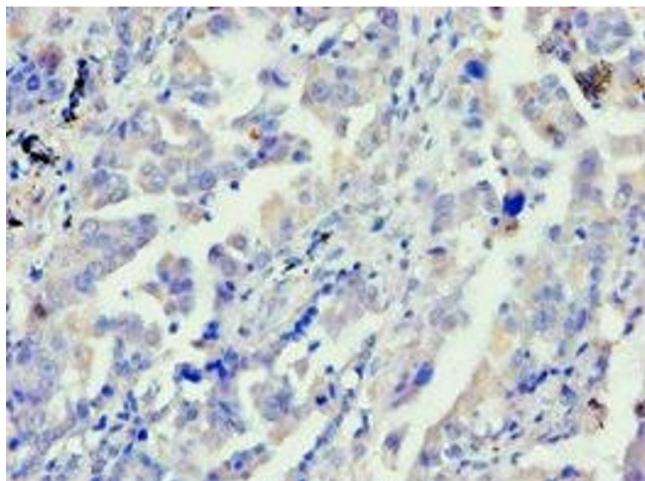
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

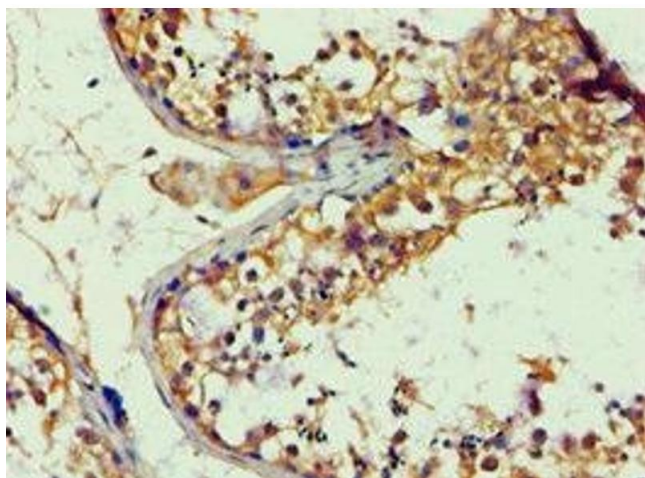
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7144040 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7144040 at dilution of 1:100