

Fe65 Polyclonal Antibody

Catalog NumberPA1-46191

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Recombinant rat protein expressed in bacteria.	Immunoprecipitation (IP)	2-10 µg
Conjugate	Unconjugated	Western Blot (WB)	1:1,000
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1.3 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS with 15% glycerol		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

Suggested positive control: IMR32 neuronal cell lysate, HEK 293 cell lysate, or brain lysate, antigen standard for APBB1 (transient overexpression lysate).

Background/Target Information

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, 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.

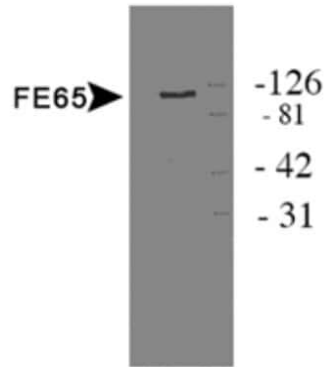
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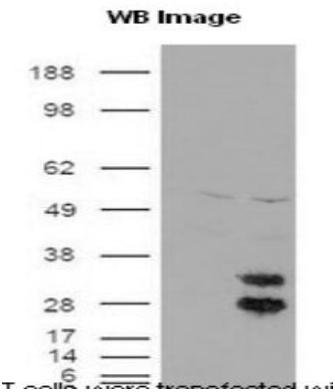
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Product Images For Fe65 Polyclonal Antibody



Fe65 Antibody (PA1-46191) in WB
Western blot analysis of Fe65 in HEK 293 cell lysate. Sample was incubated in Fe65 polyclonal antibody (Product # PA1-46191).



Fe65 Antibody (PA1-46191) in WB
Western blot analysis of Fe65 in 5 µg /lane cells transfected with the pCMV6-ENTRY control or pCMV6-ENTRY APBB1 cDNA. Samples were incubated in Fe65 polyclonal antibody (Product # PA1-46191). Cells were transfected with the pCMV6-ENTRY control or pCMV6-ENTRY APBB1 cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates were separated by SDS-PAGE and immunoblotted.

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