

APBA2 Polyclonal Antibody

Catalog NumberPA5-21053

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	10 µg/mL
Type	Antibody	Western Blot (WB)	1-2 µg/mL
Immunogen	An 18 amino acid peptide near the center of human APBA2.	* 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.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is human brain tissue lysate. PA5-21053 can be used with blocking peptide PEP-1167.

Background/Target Information

APBA2, a member of the X11 protein family, is a phosphotyrosine-binding domain protein and is a neuronal adapter protein that interacts with amyloid precursor protein (APP) and neuritic plaques in the brains of patients with Alzheimer's disease. It stabilizes APP and inhibits production of proteolytic APP fragments including the Abeta peptide that is deposited in the brains of Alzheimer's disease patients. APBA2 is believed to be involved in signal transduction processes and is also regarded as a putative vesicular trafficking protein in the brain that can form a complex with the potential to couple synaptic vesicle exocytosis to neuronal cell adhesion. Recent reports suggest that it may also be a candidate gene for autism.

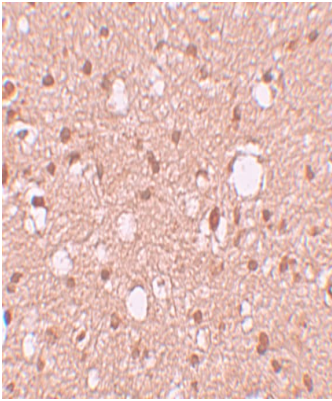
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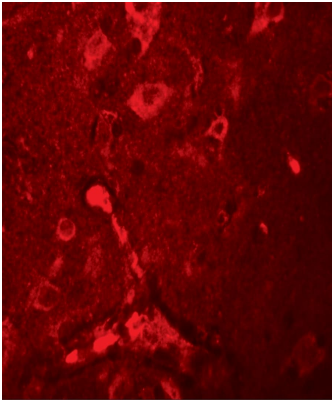
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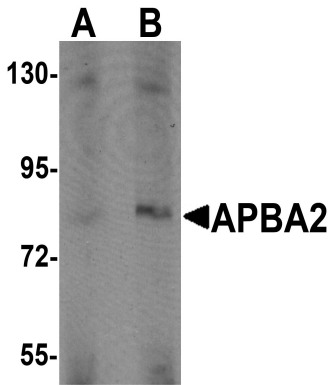
Product Images For APBA2 Polyclonal Antibody



APBA2 Antibody (PA5-21053) in IHC
Immunohistochemistry of APBA2 in human brain tissue with APBA2 Polyclonal Antibody (Product # PA5-21053) at 10 µg/mL.



APBA2 Antibody (PA5-21053) in IHC
Immunofluorescence of APBA2 in human brain tissue with APBA2 Polyclonal Antibody (Product # PA5-21053) at 20 µg/mL.



APBA2 Antibody (PA5-21053) in WB
Western Blot analysis of APBA2 in human brain tissue lysate with APBA2 Polyclonal Antibody (Product # PA5-21053) at (A) 1 and (B) 2 µg/mL.

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