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APBA3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18975c

Product Information

Application	WB, E
Primary Accession	O96018
Other Accession	NP_004877.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39201
Calculated MW	61454
Antigen Region	299-327

Additional Information

Gene ID	9546
Other Names	Amyloid beta A4 precursor protein-binding family A member 3, Adapter protein X11gamma, Neuron-specific X11L2 protein, Neuronal Munc18-1-interacting protein 3, Mint-3, APBA3, MINT3, X11L2
Target/Specificity	This APBA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 299-327 amino acids from the Central region of human APBA3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	APBA3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	APBA3
Synonyms	MINT3, X11L2

Function	May modulate processing of the amyloid-beta precursor protein (APP) and hence formation of APP-beta. May enhance the activity of HIF1A in macrophages by inhibiting the activity of HIF1AN.
Cellular Location	Cytoplasm, perinuclear region
Tissue Location	Expressed in all tissues examined with lower levels in brain and testis

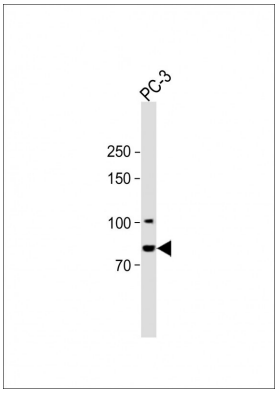
Background

The protein encoded by this gene is a member of the X11 protein family. It is an adapter protein that interacts with the Alzheimer's disease amyloid precursor protein. This gene product is believed to be involved in signal transduction processes. This gene is a candidate gene for Alzheimer's disease.

References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Swistowski, A., et al. J. Neurosci. 29(50):15703-15712(2009) Sakamoto, T., et al. J. Biol. Chem. 284(44):30350-30359(2009) Han, J., et al. J. Cell. Sci. 121 (PT 13), 2217-2223 (2008) : Shrivastava-Ranjan, P., et al. Mol. Biol. Cell 19(1):51-64(2008)

Images



All lanes: Anti-APBA3 Antibody (Center) at 1:2000 dilution + PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 80 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.