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APBA2 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP12659c

Specification

APBA2 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q99767

APBA2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 321

Other Names
Amyloid beta A4 precursor protein-binding family A member 2, Adapter protein X11beta, Neuron-specific X11L protein, Neuronal Munc18-1-interacting protein 2, Mint-2, APBA2, MINT2, X11L

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

APBA2 Antibody (Center) Blocking peptide - Protein Information

Name APBA2

Synonyms MINT2, X11L

Function
Putative function in synaptic vesicle exocytosis by binding to STXBP1, an essential component of the synaptic vesicle exocytotic machinery. May modulate processing of the amyloid-beta precursor protein (APP) and hence formation of APP-beta.

Tissue Location
Brain.

APBA2 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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APBA2 Antibody (Center) Blocking peptide - Images

APBA2 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene is a member of the X11protein family. It is a neuronal adapter protein that interactswith the Alzheimer's disease amyloid precursor protein (APP). Itstabilizes APP and inhibits production of proteolytic APP fragmentsincluding the A beta peptide that is deposited in the brains ofAlzheimer's disease patients. This gene product is believed to beinvolved in signal transduction processes. It is also regarded as aputative vesicular trafficking protein in the brain that can form acomplex with the potential to couple synaptic vesicle exocytosis toneuronal cell adhesion. Multiple transcript variants encodingdifferent isoforms have been found for this gene. [provided byRefSeq].

APBA2 Antibody (Center) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Swistowski, A., et al. J. Neurosci. 29(50):15703-15712(2009)Mitchell, J.C., et al. Hum. Mol. Genet. 18(23):4492-4500(2009)Babatz, T.D., et al. Autism Res 2(6):359-364(2009)Chang, S.J., et al. BMC Genomics 10, 613 (2009) :