

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](#)

APBA2 Antibody (Center) Blocking peptide - Images**APBA2 Antibody (Center) Blocking peptide - Background**

The protein encoded by this gene is a member of the X11 protein family. It is a neuronal adapter protein that interacts with the Alzheimer's disease amyloid precursor protein (APP). It stabilizes APP and inhibits production of proteolytic APP fragments including the A beta peptide that is deposited in the brains of Alzheimer's disease patients. This gene product is believed to be involved in signal transduction processes. It 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

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) :