

APBA2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12659c**Specification**

APBA2 Antibody (Center) Blocking peptide - Product InformationPrimary 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 X11protein 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) :