

APBA1 / MINT1 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS15176**Specification**

APBA1 / MINT1 Antibody - Product Information

Application	IF
Primary Accession	Q02410
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93kDa KDa

APBA1 / MINT1 Antibody - Additional Information**Gene ID** 320**Other Names**

Amyloid beta A4 precursor protein-binding family A member 1, Adapter protein X11alpha, Neuron-specific X11 protein, Neuronal Munc18-1-interacting protein 1, Mint-1, APBA1, MINT1, X11

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

APBA1 / MINT1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

APBA1 / MINT1 Antibody - Protein Information**Name** APBA1**Synonyms** MINT1, X11**Function**

Putative function in synaptic vesicle exocytosis by binding to Munc18-1, 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. Component of the LIN-10- LIN-2-LIN-7 complex, which associates with the motor protein KIF17 to transport vesicles containing N-methyl-D-aspartate (NMDA) receptor subunit NR2B along microtubules (By similarity).

Cellular Location

Cytoplasm. Cytoplasm, perinuclear region. Nucleus. Note=Only about 5% of the protein is located in the nucleus

Tissue Location

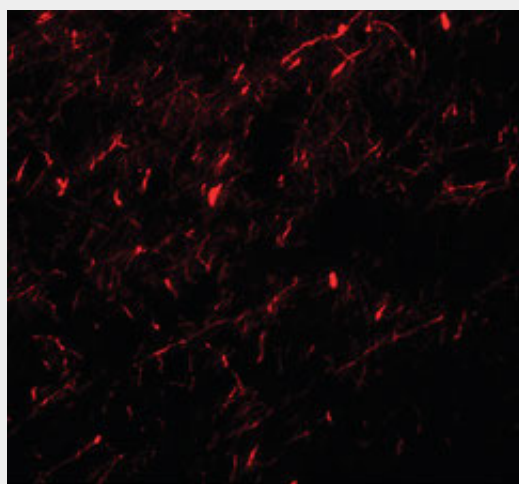
Brain and spinal cord. Isoform 2 is expressed in testis and brain, but not detected in lung, liver or spleen

APBA1 / MINT1 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

APBA1 / MINT1 Antibody - Images



Immunofluorescence of APBA1 in human brain tissue with APBA1 antibody at 20 ug/ml.

APBA1 / MINT1 Antibody - Background

Putative function in synaptic vesicle exocytosis by binding to Munc18-1, an essential component of the synaptic vesicle exocytotic machinery. May modulate processing of the beta- amyloid precursor protein (APP) and hence formation of beta-APP.

APBA1 / MINT1 Antibody - References

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Borg J.-P.,et al.J. Biol. Chem. 273:14761-14766(1998).
Humphray S.J.,et al.Nature 429:369-374(2004).
Duclos F.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:109-113(1993).
Borg J.-P.,et al.Mol. Cell. Biol. 16:6229-6241(1996).