10320 Camino Santa Fe, Suite G
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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

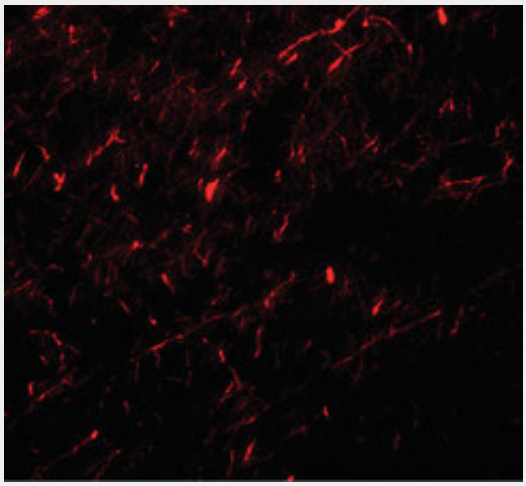
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APBA1 / MINT1 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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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