

Goat Anti-APBA1 / MINT1 Antibody

Peptide-affinity purified goat antibody Catalog # AF1069a

Specification

Goat Anti-APBA1 / MINT1 Antibody - Product Information

Application WB
Primary Accession Q02410

Other Accession NP 001154, 320, 319924 (mouse), 83589 (rat)

Reactivity
Predicted
Host
Clonality
Concentration
Human
Mouse, Rat
Goat
Polyclonal
100ug/200ul

Isotype IgG
Calculated MW 92865

Goat Anti-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

Format

0.5~mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

Goat Anti-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

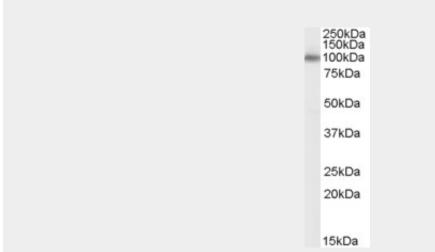
Brain and spinal cord. Isoform 2 is expressed in testis and brain, but not detected in lung, liver or spleen

Goat Anti-APBA1 / MINT1 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Goat Anti-APBA1 / MINT1 Antibody - Images



AF1069a (0.1 μ g/ml) staining of Human Brain (Cerebellum) lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.