

Goat Anti-APBA1 / MINT1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1069a**Specification**

Goat Anti-APBA1 / MINT1 Antibody - Product Information

Application	WB, E
Primary Accession	Q02410
Other Accession	NP_001154 , 320 , 319924 (mouse) , 83589 (rat)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-APBA1 / MINT1 Antibody - Images

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