

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

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**Goat Anti-APBA1 / MINT1 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q02410</a>
Other Accession	<a href="#">NP_001154</a> , <a href="#">320</a> , <a href="#">319924 (mouse)</a> , <a href="#">83589 (rat)</a>
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

**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.