Anti-APBA1 antibody

Description	Unconjugated Rabbit polyclonal to APBA1

Model	STJ190543
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human APBA1 protein.
Immunogen Region	180-260aa
Gene ID	320
Gene Symbol	APBA1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	APBA1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Brain and spinal cord. Isoform 2 is expressed in testis and brain, but not detected in lung, liver or spleen.
Purification	APBA1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	92 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:578OMIM:602414
Alternative 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
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 beta-amyloid precursor protein (APP) and hence formation of beta-APP.
Sequence and Domain Family	Composed of an N-terminal domain that binds Munc18-1 and LIN-2/CASK, a middle phosphotyrosine-binding domain (PID/PTB) that mediates binding with the cytoplasmic domain of the beta-amyloid precursor protein, and two C-terminal PDZ domains thought to attach proteins to the plasma membrane.; The autoinhibitory helix linker occludes the APP binding site. The PID domain, truncated by 11 amino acids, as observed in isoform 2, but not full-length, mediates the interaction with RAB6A and RAB6B.
Cellular Localization	Cytoplasm Cytoplasm, perinuclear region Nucleus. Only about 5% of the protein is located in the nucleus.. Isoform 2: Golgi apparatus