

Anti-X1 beta antibody



Description	Rabbit polyclonal to X11beta.
Model	STJ96275
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human X11beta
Immunogen Region	340-420 aa, Internal
Gene ID	321
Gene Symbol	APBA2
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	X11beta Polyclonal Antibody detects endogenous levels of X11beta protein.
Tissue Specificity	Brain.
Purification	The 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 2 Adapter protein X11beta Neuron-specific X11L protein Neuronal Munc18-1-interacting protein 2 Mint-2
Molecular Weight	83 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:579OMIM:602712
Alternative Names	Amyloid-beta A4 precursor protein-binding family A member 2 Adapter protein X11beta Neuron-specific X11L protein Neuronal Munc18-1-interacting protein 2 Mint-2
Function	Putative function in synaptic vesicle exocytosis by binding to STXBP1, 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 STXBP1, 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.