



X11 β rabbit pAb

Cat No.:ES5761

For research use only

Overview

Product Name	X11 β rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human APBA2. AA range:371-420
Specificity	X11 β Polyclonal Antibody detects endogenous levels of X11 β protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Amyloid beta A4 precursor protein-binding family A member 2
Gene Name	APBA2
Cellular localization	plasma membrane,synaptic vesicle,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	83kD
Human Gene ID	321
Human Swiss-Prot Number	Q99767
Alternative Names	APBA2; MINT2; X11L; 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
Background	amyloid beta precursor protein binding family A member 2(APBA2) Homo sapiens The protein





encoded by this gene is a member of the X11 protein family. It is a neuronal adapter protein that interacts with the Alzheimer's disease amyloid precursor protein (APP). It stabilizes APP and inhibits production of proteolytic APP fragments including the A beta peptide that is deposited in the brains of Alzheimer's disease patients. This gene product is believed to be involved in signal transduction processes. It is also regarded as a putative vesicular trafficking protein in the brain that can form a complex with the potential to couple synaptic vesicle exocytosis to neuronal cell adhesion. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using APBA2 Antibody. The picture on the right is blocked with the synthesized peptide.

