

X11Beta Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09609
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human APBA2. AA range:371-420
Mol wt	82512
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, WB, ELISA
Concentration	1 mg/ml
Full name	X11beta Antibody
Synonyms	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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The amyloid beta precursor protein binding family A member 2 encoded by APBA2 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.

Recommended Dilution

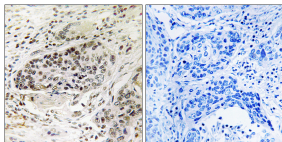
WB: 1: 500 - 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year