

X11β rabbit pAb

Cat No.: ES5761

For research use only

Overview

Product Name X11β 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 X11β Polyclonal Antibody detects endogenous levels

of X11β 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

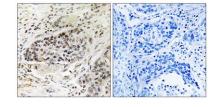
member 2(APBA2) Homo sapiens The protein





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.



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