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Datasheet for ABIN950450

anti-APBA2 antibody (Middle Region)

1 Image

Overview

Quantity:	0.4 mL
Target:	APBA2
Binding Specificity:	AA 314-344, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APBA2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 314-344 amino acids from the Central region of human APBA2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to APBA2.
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	APBA2
Alternative Name:	APBA2 (APBA2 Products)

Target Details

Background: 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. Synonyms: Adapter protein X11beta, Amyloid beta A4 precursor protein-binding family A member 2, MINT2, Mint-2, Neuron-specific X11L protein, Neuronal Munc18-1-interacting protein 2, X11L

Gene ID: 321

NCBI Accession: [NP_001123886](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

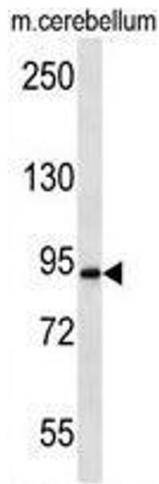
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. APBA2 Antibody (Center) western blot analysis in mouse cerebellum tissue lysates (35µg/lane). This demonstrates the APBA2 antibody detected the APBA2 protein (arrow).