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Datasheet for ABIN783771
anti-APBA2 antibody (Center)

1 Image

Overview

Quantity:	0.1 mg
Target:	APBA2
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APBA2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid peptide near the center of human APBA2
Specificity:	This antibody detects APBA2 at Center.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	APBA2
Alternative Name:	APBA2 (APBA2 Products)
Background:	APBA2, a member of the X11 protein family, is a phosphotyrosine-binding domain protein and is a neuronal adapter protein that interacts with amyloid precursor protein (APP) and neuritic

Target Details

plaques in the brains of patients with Alzheimer's disease. 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. APBA2 is believed to be involved in signal transduction processes and 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. Recent reports suggest that it may also be a candidate gene for autism. 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](#)

UniProt: [Q99767](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

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

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

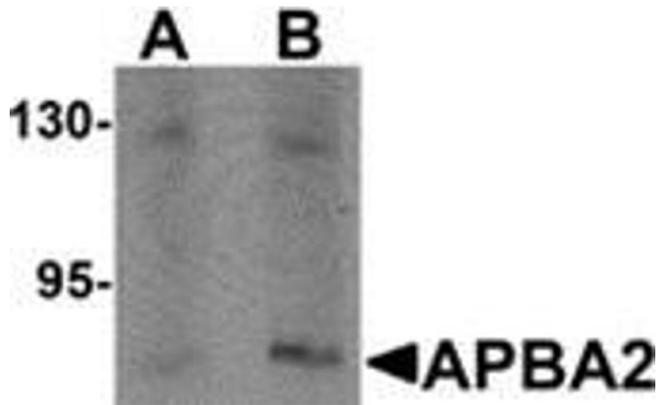
Preservative: Sodium azide

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 at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of APBA2 in human brain tissue lysate with APBA2 antibody at (A) 1 and (B) 2 µg/ml.