Datasheet for ABIN1390658

anti-APBA1 antibody (AA 451-550) (FITC)

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Overview

Quantity:	100 µL
Target:	APBA1
Binding Specificity:	AA 451-550
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APBA1 antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APBA1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	APBA1
Alternative Name:	APBA1 (APBA1 Products)

Target Details

Background:	Synonyms: Adapter protein X11 alpha; Adapter protein X11alpha; Amyloid beta A4 precursor protein-binding family A member 1; Apba1; APBA1_HUMAN; Mint 1; Mint-1; Neuron specic X11 protein; Neuron-specic X11 protein; Neuronal Munc18 1 interacting protein 1; Neuronal Munc18-1-interacting protein 1; UROP11; x11; X11alpha. Background: The Beta-Amyloid precursor protein (Beta-APP) is a major constituent of the amyloid deposits in patients with Alzheimer?s disease. The Beta-Amyloid precursor is known to interact with several proteins, including X11 and the G heterotrimetric protein APP-BP1. The neuronal, transmembrane protein X11 is known to bind to the -Amyloid precursor protein via a phosphotyrosine binding (PTB) domain, reducing the secretion of cellular Beta-APP and slowing Beta-APP processing pathways. X11 binds specifically to the YENPTY motif, which is involved in the internalization of Beta-APP. Multiple splice varitents of X11 have been identified, including X11å (also designated Mint 1), X11Beta (Mint 2) and X11(Mint 3).
Pathways:	Synaptic Vesicle Exocytosis, Dicarboxylic Acid Transport

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months