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Datasheet for ABIN4996620

anti-APBA2 antibody (AA 351-450) (AbBy Fluor® 680)

Overview

Quantity:	100 µL
Target:	APBA2
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APBA2 antibody is conjugated to AbBy Fluor® 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APBA2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Sheep, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	APBA2
Alternative Name:	APBA2 (APBA2 Products)
Background:	Synonyms: Adapter protein X11beta, Amyloid beta A4 precursor protein-binding family A

Target Details

member 2, APBA2, APBA2_HUMAN, D15S1518E, HsT16821, LIN 10, Mint 2, Mint-2, Neuron-specific X11L protein, Neuronal Munc18-1-interacting protein 2, Phosphotyrosine binding/interacting domain PTB bearing protein, X11 beta, X11I.

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 heterotrimeric 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 variants of X11 have been identified, including X11 Alpha (also designated Mint 1), X11 Beta (Mint 2) and X11 Gamma (Mint 3).

Pathways: [Synaptic Vesicle Exocytosis](#)

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