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# Datasheet for ABIN1386516 anti-APBA1 antibody (AA 451-550)

Image



#### Overview

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

## Product Details

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

#### Target:

APBA1

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Alternative Name:	APBA1 (APBA1 Products)
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:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Duffer	0.01NATEC( nH 7.4) with 1.9( DCA, 0.02.9) Dradin 200 and 50.9( Chronical

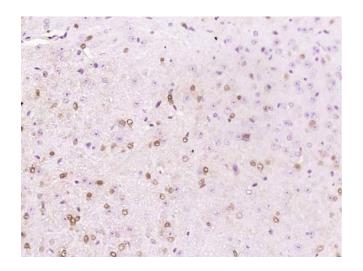
Buffer:0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.Preservative:ProClinPrecaution of Use:This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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### Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded mouse brain; Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (normal goat serum) at 37°C for 20min; Antibody incubation with APBA1 Polyclonal Antibody, Unconjugated (bs-11334R)at 1:200 overnight at 4°C, followed by a conjugated secondary and DAB staining.