

APBA1 Rabbit pAb

CatalogNo: YN0439

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 92kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 180-260

Specificity

APBA1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

APBA1 MINT1 X11

Protein Name	Amyloid beta A4 precursor protein-binding family A member 1 (Adapter protein X11alpha) (Neuron-specific X11 protein) (Neuronal Munc18-1-interacting protein 1) (Mint-1)		
	Organism	Gene ID	UniProt ID
	Human	320;	Q02410;
	Mouse		B2RUJ5;
	Rat		Q35430;
Cellular Localization	Cytoplasm . Cytoplasm, perinuclear region . Nucleus . Only about 5% of the protein is located in the nucleus.; [Isoform 2]: Golgi apparatus .		
Tissue specificity	Brain and spinal cord. Isoform 2 is expressed in testis and brain, but not detected in lung, liver or spleen.		
Function	Domain:Composed of an N-terminal domain that binds Munc18-1 and LIN-2/CASK, a middle phosphotyrosine-binding domain (PID/PTB) that mediates binding with the cytoplasmic domain of the beta-amyloid precursor protein, and two C-terminal PDZ domains thought to attach proteins to the plasma membrane.,Function:Putative function in synaptic vesicle exocytosis by binding to Munc18-1, an essential component of the synaptic vesicle exocytotic machinery. May modulate processing of the beta-amyloid precursor protein (APP) and hence formation of beta-APP.,similarity:Contains 1 PID domain.,similarity:Contains 2 PDZ (DHR) domains.,subunit:Part of a multimeric complex containing Munc18-1 and syntaxin-1. Also part of the brain-specific heterotrimeric complex LIN-10/X11-alpha, LIN-2/CASK, and LIN7. Binds to the cytoplasmic domain of amyloid protein (APP).,tissue specificity:Brain and spinal cord.,		

Validation Data

Contact information

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