

AP2B1 Rabbit pAb

CatalogNo: YT6636

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 103kD (Calculated)

Isotype

- IgG

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.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human AP2B1 AA range: 70-120

Specificity

This antibody detects endogenous levels of AP2B1 at Human/Mouse/Rat

Target Information

Gene name

AP2B1 ADTB2 CLAPB1

Protein Name	AP2B1		
	Organism	Gene ID	UniProt ID
	Human	163 ;	P63010 ;
	Mouse	71770 ;	Q9DBG3 ;
	Rat	100912146 ;	P62944 ;
Cellular Localization	Cell membrane . Membrane , coated pit ; Peripheral membrane protein ; Cytoplasmic side . AP-2 appears to be excluded from internalizing CCVs and to disengage from sites of endocytosis seconds before internalization of the nascent CCV.		
Tissue specificity	Expressed in the brain (at protein level) .		
Function	Function:Component of the adaptor complexes which link clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins , leading to their selection and concentration. AP2B1 is a subunit of the plasma membrane adaptor. The complex binds polyphosphoinositides. ,similarity:Belongs to the adaptor complexes large subunit family. ,subcellular location:Component of the coat surrounding the cytoplasmic face of coated vesicles in the plasma membrane. ,subunit:Adaptor protein complex 2 (AP-2) is an heterotetramer composed of two large adaptins (alpha-type subunit AP2A1 or AP2A2 and beta-type subunit AP2B1) , a medium adaptin (mu-type subunit AP2M1) and a small adaptin (sigma-type subunit AP2S1) . Binds EPN1 , EPS15 , SNAP91 and clathrin. ,		

| Validation Data

| Contact information

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