

AP2B1 Rabbit pAb

CatalogNo: YT6636

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 103kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

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

Formulation 1 mg/ml

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

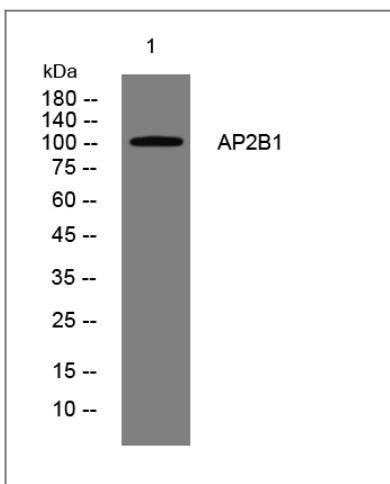
Cell membrane . Membrane, coated pit ; Peripheral membrane protein ; Cytoplasmic side . AP-2 appears to be excluded from internalizing CCVs and to disengage from sites of endocytosis seconds before internalization of the nascent CCV.

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



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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