

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

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 AP2B1 AA range: 70-120

Specificity

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

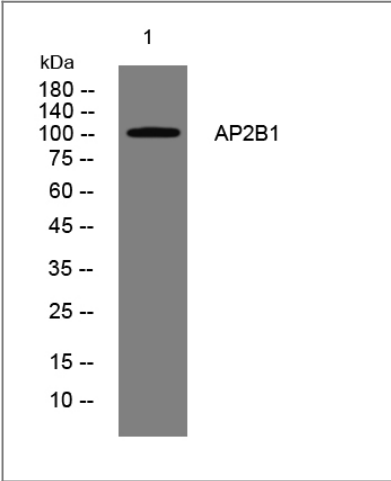
| Target Information

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 | <p>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.,</p> | | |

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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AP2B1 Rabbit pAb

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