

## 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	<a href="#">163</a> ;	<a href="#">P63010</a> ;
Mouse	<a href="#">71770</a> ;	<a href="#">Q9DBG3</a> ;
Rat	<a href="#">100912146</a> ;	<a href="#">P62944</a> ;

**Cellular Localization**

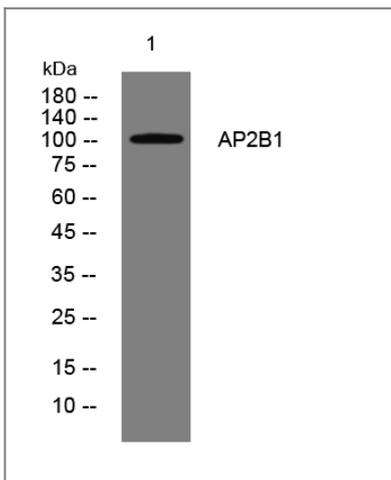
Cell membrane . Membrane, coated pit ; Peripheral membrane protein ; Cytoplasmic side . AP-2 appears to be excluded from internalizing CCVs and to disengage from sites of endocytosis seconds before internalization of the nascent CCV.

**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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