

# AP2M1 (Phospho Thr156) Rabbit pAb

CatalogNo: YP1260

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB

### MW

- 47kD (Observed)

### 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 1:1000-2000**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized phospho peptide around human AP2M1 (Thr156)

**Specificity** This antibody detects endogenous levels of Human AP2M1 (phospho-Thr156). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): QVtGQ

## Target Information

**Gene name** AP2M1 CLAPM1 KIAA0109

**Protein Name** AP-2 complex subunit mu

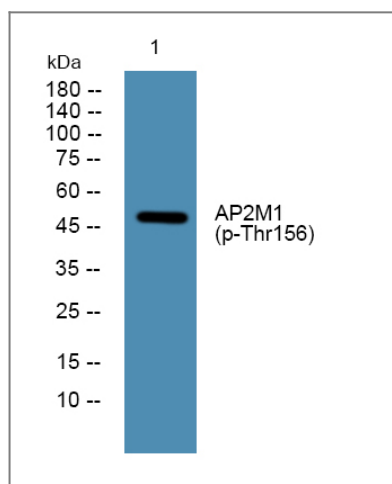
Organism	Gene ID	UniProt ID
Human	<a href="#">1173</a> ;	<a href="#">Q96CW1</a> ;
Mouse	<a href="#">11773</a> ;	<a href="#">P84091</a> ;
Rat	<a href="#">116563</a> ;	<a href="#">P84092</a> ;

**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. AP50 is a subunit of the plasma membrane adaptor. The complex binds polyphosphoinositide-containing lipids.,PTM:Phosphorylated.,similarity:Belongs to the adaptor complexes medium subunit family.,similarity:Contains 1 MHD (mu homology) domain.,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 a 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). Interacts with ATP6V1H and MEGF10.,

## Validation Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°C over night

## | Contact information

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**AP2M1 (Phospho Thr156) Rabbit pAb**

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