

AP1M2 Rabbit pAb

CatalogNo: YN3711

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 47kD (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 AP1M2 AA range: 117-167

Specificity This antibody detects endogenous levels of AP1M2 at Human/Mouse

Target Information

Gene name AP1M2

Protein Name AP1M2

Organism	Gene ID	UniProt ID
Human	10053 ;	Q9Y6Q5 ;
Mouse	11768 ;	Q9WVP1 ;

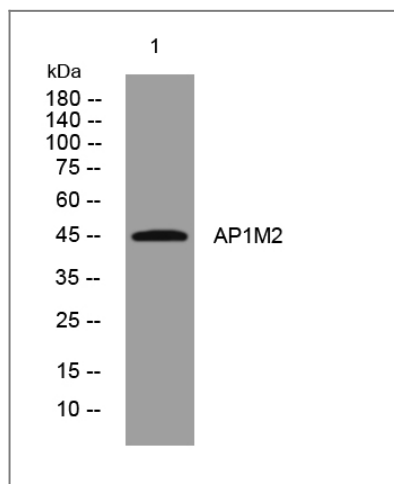
Cellular Localization

Golgi apparatus. Cytoplasmic vesicle, clathrin-coated vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.

Function

Function:Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the trans-Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.,PTM:Phosphorylation of membrane-bound AP1M1/AP1M2 increases its affinity for sorting signals.,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 located at the Golgi complex.,subunit:Adaptor protein complex 1 (AP-1) is an heterotetramer composed of two large adaptins (gamma-type subunit AP1G1 and beta-type subunit AP1B1), a medium adaptin (mu-type subunit AP1M1 or AP1M2) and a small adaptin (sigma-type subunit AP1S1 or AP1S2 or AP1S3).,

Validation Data



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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