

AP1M2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13364**Specification**

AP1M2 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9Y6Q5
Other Accession	NM_005498 , NP_005489
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Bovine, Guinea Pig, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 48kDa kDa

AP1M2 antibody - N-terminal region - Additional Information**Gene ID** 10053**Alias Symbol** **HSMU1B, MU-1B, MU1B, mu2, AP1-mu2****Other Names**

AP-1 complex subunit mu-2, AP-mu chain family member mu1B, Adaptor protein complex AP-1 subunit mu-2, Adaptor-related protein complex 1 subunit mu-2, Clathrin assembly protein complex 1 mu-2 medium chain 2, Golgi adaptor HA1/AP1 adaptin mu-2 subunit, Mu-adaptin 2, Mu1B-adaptin, AP1M2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-AP1M2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

AP1M2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

AP1M2 antibody - N-terminal region - Protein Information**Name** AP1M2**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.

Cellular Location

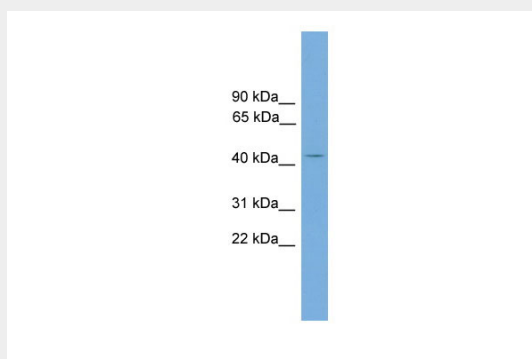
Golgi apparatus. Cytoplasmic vesicle, clathrin- coated vesicle membrane; Peripheral membrane protein; Cytoplasmic side Note=Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex

AP1M2 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

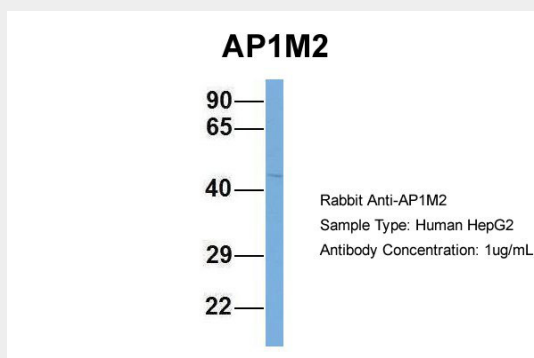
AP1M2 antibody - N-terminal region - Images



WB Suggested Anti-AP1M2 Antibody Titration: 0.2-1 μ g/ml

Positive Control: 721_B cell lysate

AP1M2 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Host:Rabbit

Target Name:AP1M2

Sample Tissue:HepG2

Antibody Dilution: 1.0 μ g/mlAP1M2 is strongly supported by BioGPS gene expression data to be expressed in HepG2

AP1M2 antibody - N-terminal region - References

Ohno H.,et al.FEBS Lett. 449:215-220(1999).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).