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AP1M2 Rabbit pAb

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Catalog # AP55228

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9Y6Q5
Reactivity	Human
Predicted	Pig, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48108
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human AP1M2
Epitope Specificity	1-100/423
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Golgi apparatus. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	10053
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
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

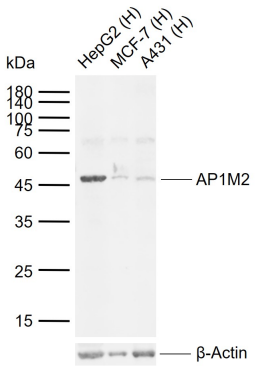
Protein Information

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

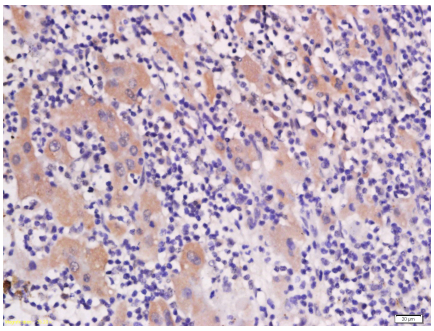
Background

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Images



Sample:
Lane 1: Human HepG2 cell lysates
Lane 2: Human MCF-7 cell lysates
Lane 3: Human A431 cell lysates
Primary: Anti-AP1M2 (AP55228) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 48 kDa
Observed band size: 46 kDa



Tissue/cell: human liver carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-AP1M2 Polyclonal Antibody, Unconjugated(AP55228) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.