

Rabbit AP2M1 Polyclonal Antibody | anti-AP2M1 antibody

AP2M1 Antibody

CATALOG # AAA308348	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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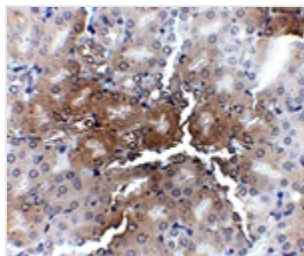
PRODUCT SYNONYMS

AP2M1; Polyclonal Antibody; AP2M1 Antibody; Adaptor-related protein complex 2 mu 1; AP-2 mu-1; mu2; AP50; CLAPM1; anti-AP2M1 antibody

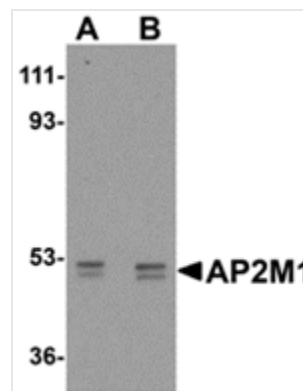
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	435
Applicable Applications for anti-AP2M1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the carboxy terminus of human AP2M1.
Target Name	AP2M1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of AP2M1 in mouse kidney tissue with AP2M1 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of AP2M1 in human kidney tissue lysate with AP2M1 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-AP2M1 antibody	The heterotetrameric coat assembly protein complex, also known as the adaptor-related protein complex 2 (AP-2), belongs to the adaptor complexes medium subunits family. The mu 1 subunit of the AP-2 complex (AP2M1) is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. AP2M1 has also been shown to associate with the HIV-1 protein Nef, suggesting that Nef may use AP-2 complex to enhance the rate of endocytosis of both CD4 and class I MHC. AP2M1 may also play an important role in regulating the intracellular trafficking and function of cytotoxic T-lymphocyte associated (CTLA)-4 protein. At least two isoforms of AP2M1 are known to exist.
Product Categories/Family for anti-AP2M1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14917109
NCBI GeneID	1173
NCBI Accession #	NP_004059
NCBI GenBank Nucleotide #	NM_004068.3
Molecular Weight	49,389 Da
NCBI Official Full Name	AP-2 complex subunit mu isoform a
NCBI Official Synonym Full Names	adaptor-related protein complex 2, mu 1 subunit
NCBI Official Symbol	AP2M1
NCBI Official Synonym Symbols	mu2; AP50; CLAPM1
NCBI Protein Information	AP-2 complex subunit mu
UniProt Protein Name	AP-2 complex subunit mu
UniProt Gene Name	AP2M1
UniProt Synonym Gene Names	CLAPM1; KIAA0109
UniProt Entry Name	AP2M1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ap2m1-antibody-immunohistochemistry-western-blot-elisa/308348>