

Rabbit AP2M1 Polyclonal Antibody | anti-AP2M1 antibody

AP2M1 Antibody (C-term)

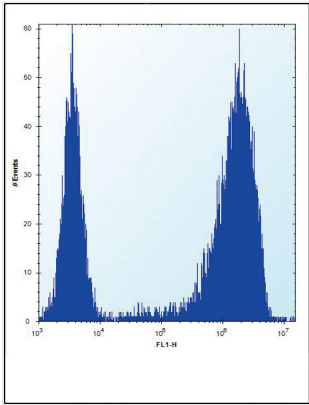
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286057	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Monkey, Rat, Xenopus, Zebrafish, C Elegans)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

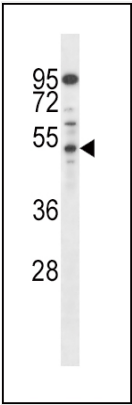
AP2M1; Polyclonal Antibody; AP2M1 Antibody (C-term); AP-2 complex subunit mu; AP-2 mu chain; Adaptin-mu2; Adaptor protein complex AP-2 subunit mu; Adaptor-related protein complex 2 subunit mu; Clathrin assembly protein complex 2 mu medium chain; Clathrin coat assembly protein AP50; Clathrin coat-associated protein AP50; HA2 50 kDa subunit; Plasma membrane adaptor AP-2 50 kDa protein; CLAPM1; KIAA0109; anti-AP2M1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Monkey, Rat, Xenopus, Zebrafish, C Elegans)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AP2M1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 387-415 amino acids from the C-terminal region of human AP2M1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.54 (varies by lot)
Sequence Positions	387-415
Sequence Length	433
Applicable Applications for anti-AP2M1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
AP2M1 Antibody (C-term) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
AP2M1 Antibody (C-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the AP2M1 antibody detected the AP2M1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AP2M1 antibody	This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-AP2M1 antibody	Signal Transduction
References	Kahlfeldt, N., et al. J. Biol. Chem. 285(4):2734-2749(2010) Boucrot, E., et al. PLoS ONE 5 (5), E10597 (2010) : Yoshida, T., et al. Int. J. Mol. Med. 24(2):233-246(2009) Levecque, C., et al. Am. J. Physiol., Cell Physiol. 297 (1), C160-C168 (2009) : Stanasila, L., et al. Mol. Pharmacol. 74(3):562-573(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68799814
NCBI GeneID	1173
NCBI Accession #	NP_001020376.1; NP_004059.2
NCBI GenBank Nucleotide #	NM_001025205.1
UniProt Accession #	Q96CW1; P20172; P53679; A6NE12; D3DNT1
Molecular Weight	49655
NCBI Official Full Name	AP-2 complex subunit mu isoform b
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-flow-cytometry-western-blot-elisa/286057>