

Rabbit AP2M1 Monoclonal Antibody | anti-AP2M1 antibody

AP2M1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30196	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

AP2M1; Monoclonal Antibody; AP2M1 Antibody; Adapter-related protein complex 2 mu subunit antibody; Adaptin mu 1 antibody; Adaptin-mu2 antibody; Adaptor protein complex AP 2 subunit mu antibody; Adaptor protein complex AP-2 subunit mu antibody; Adaptor related protein complex 2 mu 1 subunit antibody; AP 2 mu 2 chain antibody; AP-2 complex subunit mu antibody; AP-2 mu chain antibody; Ap2m1 antibody; AP2M1_HUMAN antibody; AP50 antibody; CLAPM1 antibody; Clathrin adaptor complex AP2 mu subunit antibody; Clathrin assembly protein complex 2 medium chain antibody; Clathrin associated/assembly/adaptor protein medium 1 antibody; Clathrin coat adaptor protein AP50 antibody; Clathrin coat assembly protein AP50 antibody; Clathrin coat associated protein AP50 antibody; Clathrin coat-associated protein AP50 antibody; HA2 50 kDa subunit antibody; mu2 antibody; Plasma membrane adaptor AP-2 50 kDa protein antibody; anti-AP2M1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SD0746
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-AP2M1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM (Flow Cytometry)

Flow cytometric analysis of PANC-1 cells with AP2M1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



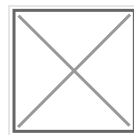
ICC (Immunocytochemistry)

ICC staining AP2M1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



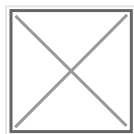
ICC (Immunocytochemistry)

ICC staining AP2M1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



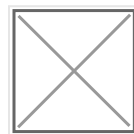
ICC (Immunocytochemistry)

ICC staining AP2M1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-AP2M1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-AP2M1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-AP2M1 antibody	Adaptins are heterotetrameric subunits of adaptors, which are complexes involved in the formation of Clathrin-coated pits for vesicle-mediated endocytosis. Clathrin and its associated heterotetrameric protein complexes make up the main protein components of the coat surrounding the cytoplasmic face of coated vesicles. The Adaptin family, comprising a, b, b' and g classes, is also responsible for the transport of ligand-receptor complexes from plasma membranes and the trans-Golgi network to lysosomes. Two main types of adaptor proteins (APs), AP-1 and AP-2, are found in Clathrin-coated structures located at the Golgi complex and the plasma membrane of mammalian cells, respectively. Adaptor protein complex 2 (AP-2) is composed of two large Adaptins (a1A/AP2A1 and b1/AP2B1), a medium Adaptin (m2/AP-2m1) and a small Adaptin (s2 long/AP2S1). AP-2m1, a 435 amino acid protein, links Clathrin to receptors in coated vesicles.
Product Categories/Family for anti-AP2M1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	51316978
NCBI GeneID	1173
UniProt Accession #	Q96CW1 ; P20172 ; P53679 ; A6NE12 ; D3DNT1
Molecular Weight	435
NCBI Official Full Name	AP-2 complex subunit mu
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; adaptin-mu2; AP-2 mu chain; AP-2 mu 2 chain; HA2 50 kDA subunit; clathrin coat adaptor protein AP50; clathrin coat assembly protein AP50; clathrin coat-associated protein AP50; adaptor protein complex AP-2 subunit mu; clathrin ada
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.

