

AP2M1 Rabbit mAb

Catalog No: #49143

Package Size: #49143-1 50ul #49143-2 100ul

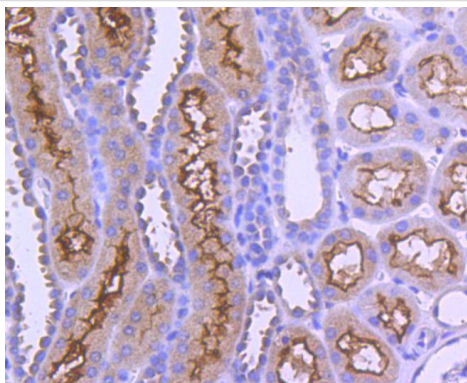
Description

Product Name	AP2M1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SD0746
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	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
Accession No.	Swiss-Prot#:Q96CW1
Calculated MW	50 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

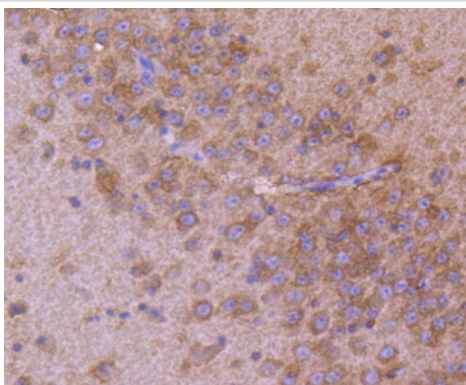
Application Details

WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC: 1:50-1:100

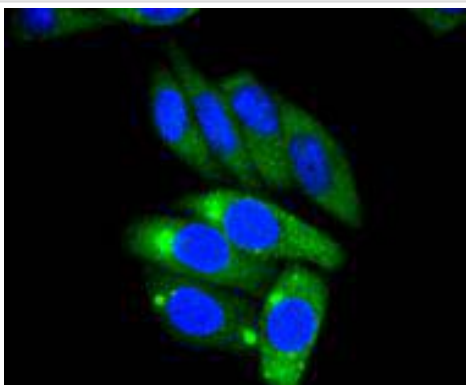
Images



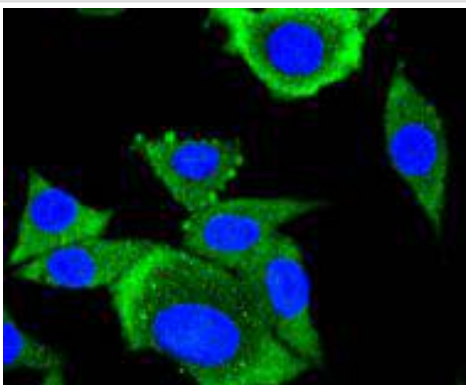
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-AP2M1 antibody. Counter stained with hematoxylin.



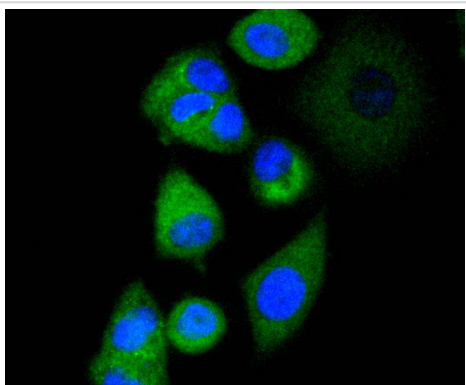
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-AP2M1 antibody. Counter stained with hematoxylin.



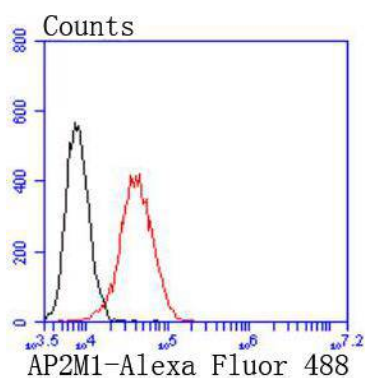
ICC staining AP2M1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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 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.



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

Background

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.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.