

Rabbit AP3M1 Polyclonal Antibody | anti-AP3M1 antibody

AP3M1 Antibody

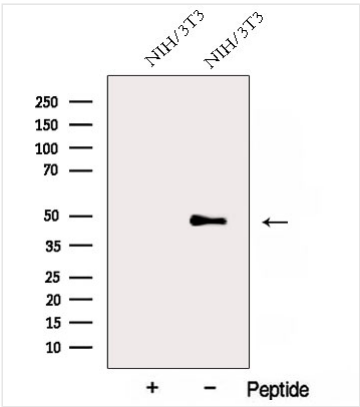
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328770	Rabbit	Human, Mouse, RatPredicted: Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

PRODUCT SYNONYMS

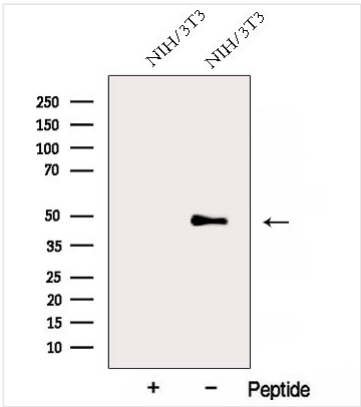
AP3M1; Polyclonal Antibody; AP3M1 Antibody; Adapter-related protein complex 3 mu-1 subunit; AP-3 adapter complex mu3A subunit; AP-3 complex subunit mu-1; AP3M1_HUMAN; Clathrin adaptor complex AP3 mu 3A subunit; Mu-adaptin 3A; mu3A; Mu3A-adaptin; anti-AP3M1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	AP3M1 Antibody detects endogenous levels of AP3M1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	418
Applicable Applications for anti-AP3M1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human AP3M1.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Golgi Apparatus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from NIH/3T3 cells, using AP3M1 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-AP3M1 antibody	Description: Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes. In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals.
	Subunit Structure: Adaptor protein complex 3 (AP-3) is a heterotetramer composed of two large adaptins (delta-type subunit AP3D1 and beta-type subunit AP3B1 or AP3B2), a medium adaptin (mu-type subunit AP3M1 or AP3M2) and a small adaptin (sigma-type subunit APS1 or AP3S2). Interacts with AGAP1. AP-3 associates with the BLOC-1 complex (By similarity).
	Similarity: Belongs to the adaptor complexes medium subunit family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912240
NCBI GeneID	26985
NCBI Accession #	NP_036227
NCBI GenBank Nucleotide #	NP_036227.1
UniProt Accession #	Q9Y2T2
Molecular Weight	Observed: 47 kDa Predicted: 47 kDa
NCBI Official Full Name	AP-3 complex subunit mu-1 isoform a
NCBI Official Synonym Full Names	adaptor related protein complex 3 subunit mu 1
NCBI Official Symbol	AP3M1
NCBI Protein Information	AP-3 complex subunit mu-1
UniProt Protein Name	AP-3 complex subunit mu-1
UniProt Gene Name	AP3M1
UniProt Entry Name	AP3M1_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://stage.aaabiotech.com/polyclonal/ap3m1-antibody-western-blot-elisa/328770>