

Rabbit anti-Human, Rat TIP47 Polyclonal Antibody | anti-M6PRBP1 antibody

TIP47 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40306	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

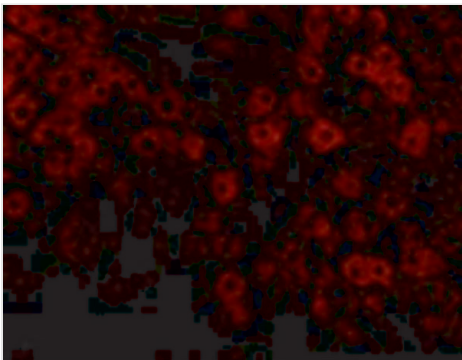
PRODUCT SYNONYMS

TIP47; Polyclonal Antibody; TIP47 Antibody; PP17; M6PRBP1; Perilipin-3; 47 kDa mannose 6-phosphate receptor-binding protein; 47 kDa MPR-binding protein; mannose-6-phosphate receptor binding protein 1; anti-M6PRBP1 antibody

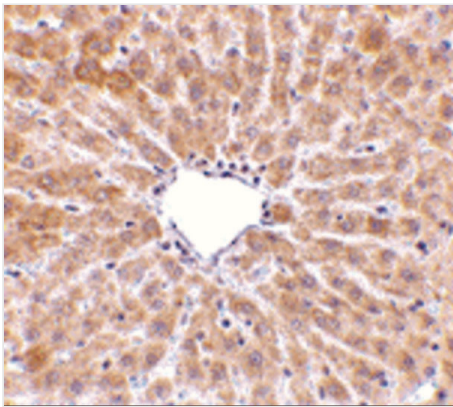
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TIP47 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	434
Applicable Applications for anti-M6PRBP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TIP47 antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human TIP47.
Buffer	TIP47 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TIP47 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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.

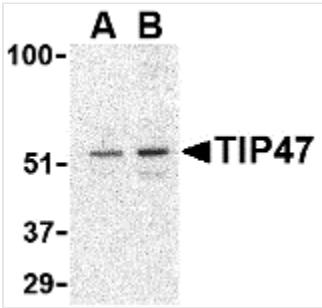
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TIP47 in Rat Liver cells with TIP47 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of TIP47 in rat liver tissue with TIP47 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of TIP47 in Daudi cell lysate with TIP47 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-M6PRBP1 antibody	TIP47 Antibody: Tail-interacting protein (TIP47) is a cytosolic protein essential for the transport of mannose-6-phosphate receptors (MPRs) from endosomes to the trans-Golgi compartments in cells. TIP47 is recruited from the cytoplasm to the late endosomal surface by the Ras-associated protein Rab9 GTPase, enabling it to bind more efficiently to MPR cytoplasmic domains. Recently, it was shown that TIP47 regulates the expression of Rab9, as expression of siRNA to TIP47 in transfected cells dramatically decreased the half-life of the Rab9 protein in addition to stabilizing the subcellular localization of Rab9. At least two isoforms of TIP47 are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68846601
NCBI GeneID	10226
UniProt Accession #	O60664; Q53G77; Q9BS03; Q9UBD7; Q9UP92; A8K4Y9; K7EQF4
Molecular Weight	45,803 Da
NCBI Official Full Name	Perilipin-3
NCBI Official Synonym Full Names	perilipin 3
NCBI Official Symbol	PLIN3
NCBI Official Synonym Symbols	PP17; TIP47; M6PRBP1
NCBI Protein Information	perilipin-3; placental protein 17; 47 kDa MPR-binding protein; cargo selection protein TIP47; tail-interacting protein, 47 kD; mannose-6-phosphate receptor-binding protein 1
UniProt Protein Name	Perilipin-3

UniProt Gene Name	PLIN3
UniProt Synonym Gene Names	M6PRBP1; TIP47; 47 kDa MPR-binding protein; PP17
UniProt Entry Name	PLIN3_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/tip47-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40306>