

Rabbit anti-Human, Mouse TIP47 Polyclonal Antibody | anti-TIP47 antibody

TIP47 Antibody

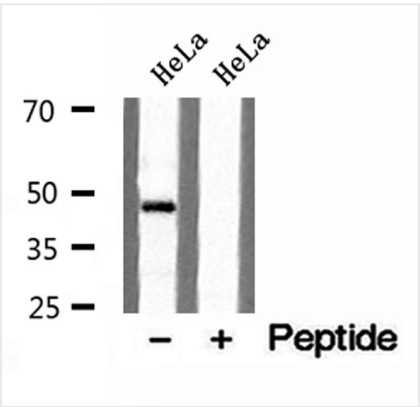
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322964	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

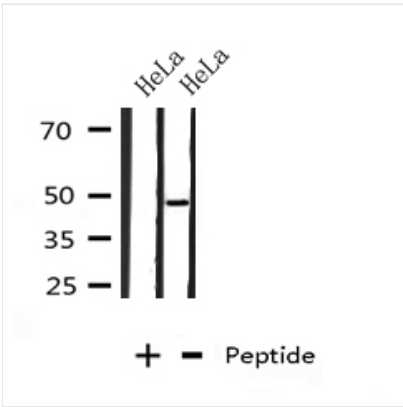
TIP47; Polyclonal Antibody; TIP47 Antibody; 47 kDa mannose 6-phosphate receptor-binding protein; 47 kDa MPR binding protein; 47 kDa MPR-binding protein; Cargo selection protein TIP47; M6PRBP 1; M6PRBP1; Mannose 6 phosphate receptor binding protein 1; Mannose-6-phosphate receptor-binding protein 1; MGC11117; MGC2012; MPR binding protein 47 kDa; Perilipin 3; Perilipin-3; Perilipin3; Placental protein 17; PLIN3; PLIN3_HUMAN; pp17; Tail interacting protein 47 kD; anti-TIP47 antibody

PRODUCT SPECIFICATIONS

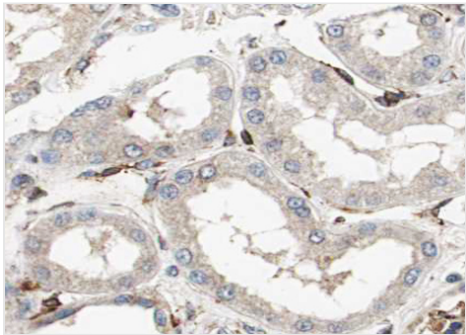
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TIP47 antibody detects endogenous levels of TIP47.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	433
Applicable Applications for anti-TIP47 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TIP47.
Subcellular Location	Cytoplasm. Endosome Membrane. Lipid Droplet. Membrane associated on endosomes. Detected in the envelope and the core of lipid bodies and in lipid sails.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts of HeLa cells, using TIP47 antibody.



WB (Western Blot)
Western blot analysis on HeLa cells lysate using TIP47 Antibody



IHC (Immunohistochemistry)
AAA322964 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TIP47 antibody	Function: Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network. Subunit Structure: Homooligomer. Interacts with M6PR (via the cytoplasmic domain). Interacts with IGF2R (via the cytoplasmic domain). Isoform 2 may exist as a homodimer (known as PP17C). Similarity: Belongs to the perilipin family.
References	Guo L, Tian M, Feng R, Zhang G, Zhang R, Li X, Liu Z, He X, Sun JZ, Yu X; Journal: ACS Appl Mater Interfaces. Interface-Targeting Strategy Enables Two-Photon Fluorescent Lipid Droplet Probes for High-Fidelity Imaging of Turbid Tissues and Detecting Fatty Liver.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255958289
NCBI GeneID	10226
NCBI Accession #	NP_001157661.1
NCBI GenBank Nucleotide #	NM_001164189.1
UniProt Accession #	O60664; Q53G77; Q9BS03; Q9UBD7; Q9UP92; A8K4Y9; K7EQF4
Molecular Weight	Observed: 47 kDa Predicted: 48 kDa
NCBI Official Full Name	perilipin-3 isoform 2

NCBI Official Synonym Full Names	perilipin 3
NCBI Official Symbol	PLIN3
NCBI Official Synonym Symbols	PP17; TIP47; M6PRBP1
NCBI Protein Information	perilipin-3
UniProt Protein Name	Perilipin-3
UniProt Gene Name	PLIN3
UniProt Synonym Gene Names	M6PRBP1; TIP47; 47 kDa MPR-binding protein; PP17

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-immunohistochemistry-western-blot-elisa/322964>