

Product datasheet for **TA306343**

Perilipin 3 (PLIN3) Rabbit Polyclonal Antibody

Product data:

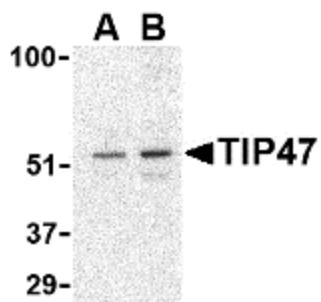
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TIP47 antibody was raised against a 14 amino acid peptide from near the carboxy terminus of human TIP47.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	perilipin 3
Database Link:	NP_001157661 Entrez Gene 316130 Rat Entrez Gene 10226 Human O60664
Background:	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.
Synonyms:	M6PRBP1; PP17; TIP47



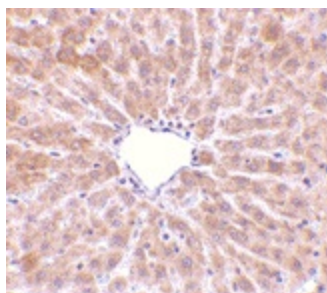
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Protein Families: Druggable Genome

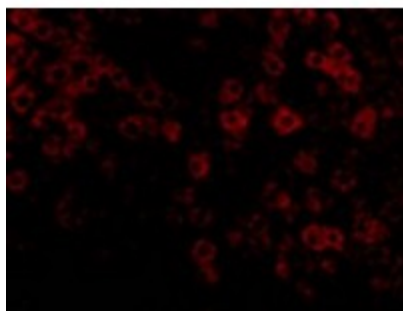
Product images:



Western blot analysis of TIP47 in Daudi cell lysate with TIP47 antibody at (A) 0.5 and (B) 1 ug/ml.



Immunohistochemistry of TIP47 in rat liver tissue with TIP47 antibody at 10 ug/ml.



Immunofluorescence of TIP47 in Rat Liver cells with TIP47 antibody at 20 ug/mL.