

**PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS12310**

**Specification**

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**PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus) - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">O60664</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47kDa KDa

**PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus) - Additional Information**

**Gene ID** 10226

**Other Names**

Perilipin-3, 47 kDa mannose 6-phosphate receptor-binding protein, 47 kDa MPR-binding protein, Cargo selection protein TIP47, Mannose-6-phosphate receptor-binding protein 1, Placental protein 17, PP17, PLIN3, M6PRBP1, TIP47

**Target/Specificity**

14 amino acid peptide from near the amino terminus of human TIP47

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus) - Protein Information**

**Name** PLIN3

**Synonyms** M6PRBP1, TIP47 {ECO:0000303|PubMed:95901

**Function**

Structural component of lipid droplets, which is required for the formation and maintenance of lipid storage droplets (PubMed:<a href="http://www.uniprot.org/citations/34077757" target="\_blank">34077757</a>). Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network (PubMed:<a href="http://www.uniprot.org/citations/9590177" target="\_blank">9590177</a>).

**Cellular Location**

Lipid droplet. Endosome membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm. Note=Membrane associated on endosomes (PubMed:15545278). Detected in the envelope and the

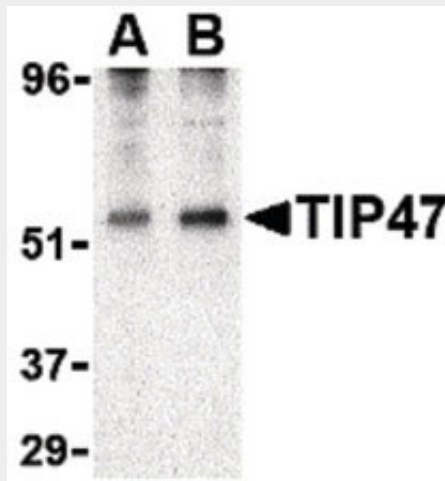
core of lipid bodies and in lipid sails (PubMed:15545278)

### **PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus) - Protocols**

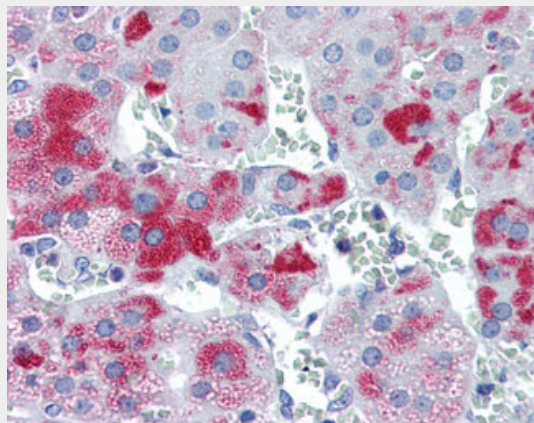
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus) - Images**



Western blot of TIP47 in EL4 cell lysate with TIP47 antibody at (A) 0.5 and (B) 1 ug/ml.



Anti-PLIN3 / M6PRBP1 antibody IHC of human adrenal.

### **PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus) - Background**

Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network.

**PLIN3 / M6PRBP1 / TIP47 Antibody (N-Terminus) - References**

Diaz E., et al. Cell 93:433-443(1998).

Than N.G., et al. Eur. J. Biochem. 258:752-757(1998).

Than N.G., et al. Tumor Biol. 20:184-192(1999).

Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Ota T., et al. Nat. Genet. 36:40-45(2004).