

**PLIN3 / M6PRBP1 / TIP47 Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS12874****Specification****PLIN3 / M6PRBP1 / TIP47 Antibody (Internal) - Product Information**

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

**PLIN3 / M6PRBP1 / TIP47 Antibody (Internal) - 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**

Mouse PLIN3 / M6PRBP1.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

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

**PLIN3 / M6PRBP1 / TIP47 Antibody (Internal) - 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 (Internal) - Protocols**

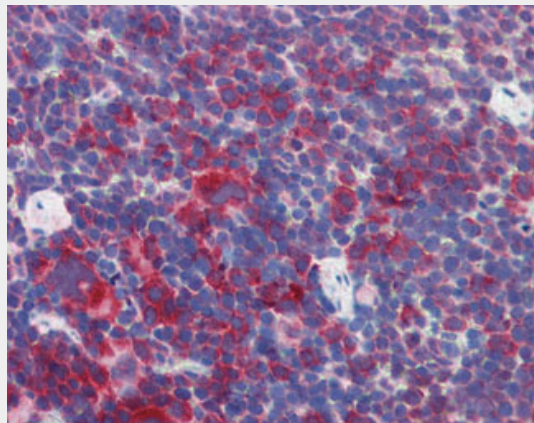
Provided below are standard protocols that you may find useful for product applications.

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

### **PLIN3 / M6PRBP1 / TIP47 Antibody (Internal) - Images**



Antibody (0.1 ug/ml) staining of Rat Skin lysate (35 ug protein in RIPA buffer).



Anti-PLIN3 / M6PRBP1 antibody IHC of mouse spleen.

### **PLIN3 / M6PRBP1 / TIP47 Antibody (Internal) - Background**

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

### **PLIN3 / M6PRBP1 / TIP47 Antibody (Internal) - 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).