

Datasheet for ABIN500921  
**anti-PLIN3 antibody (C-Term)**



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2 Images

## Overview

Quantity:	0.1 mg
Target:	PLIN3
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLIN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	TIP47 antibody was raised against a 14 amino acid peptide from near the carboxy terminus of Human TIP47.
Isotype:	IgG
Specificity:	This antibody detects TIP47 / M6PRBP1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Rat
Purification:	Peptide Affinity Chromatography

## Target Details

Target:	PLIN3
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## Target Details

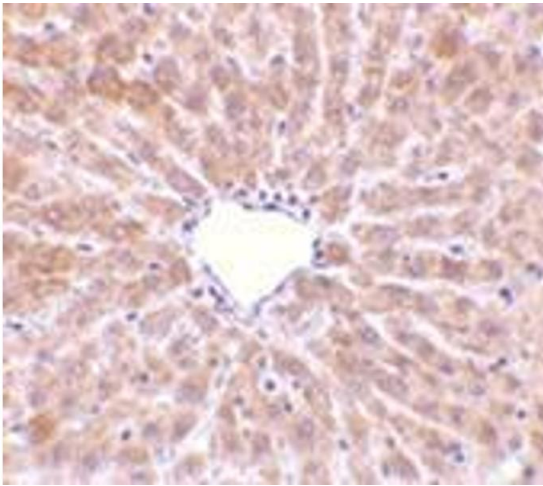
Alternative Name:	TIP47 / M6PRBP1 ( <a href="#">PLIN3 Products</a> )
Background:	Tail-interacting protein (TIP47) is a cytosolic protein essential for the transport of mannose-6-phosphate receptors (MPRs) from endosomes to the trans-Golgi compartments in cells. TIP47 is recruited from the cytoplasm to 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: 47 kDa mannose 6-phosphate receptor-binding protein, Cargo selection protein TIP47, Mannose-6-phosphate receptor-binding protein 1, Placental protein 17
Gene ID:	10226
UniProt:	<a href="#">O60664</a>

## Application Details

Application Notes:	ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

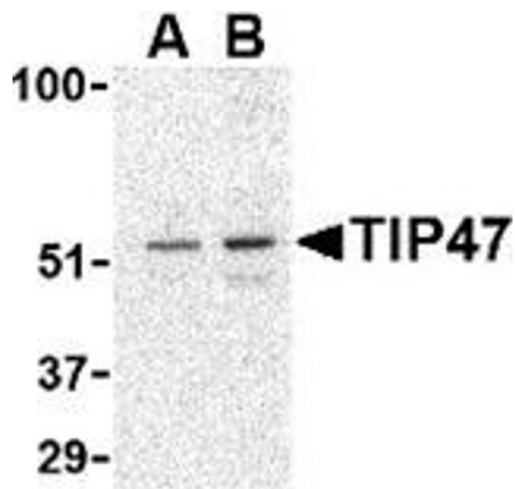
## Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of TIP47 in rat liver tissue with this product at 10 µg/ml.



**Western Blotting**

**Image 2.** Western blot analysis of TIP47 in Daudi cell lysate with this product at (A) 0.5 and (B) 1 µg/ml.