



# Anti-PLIN3 (aa 1-14) polyclonal antibody (DPAB2384GH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to TIP47(a.a. 1-14)
<b>Antigen Description</b>	Mannose 6-phosphate receptors (MPRs) deliver lysosomal hydrolase from the Golgi to endosomes and then return to the Golgi complex. The protein encoded by this gene interacts with the cytoplasmic domains of both cation-independent and cation-dependent MPRs, and is required for endosome-to-Golgi transport. This protein also binds directly to the GTPase RAB9 (RAB9A), a member of the RAS oncogene family. The interaction with RAB9 has been shown to increase the affinity of this protein for its cargo. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Specificity</b>	TIP47 (tail-interacting protein of 47 kD) is involved in lipid droplet maturation. The protein has been localized on the surface of lipid droplets present in many cells and tissues, especially in milk fat globule membranes of human and bovine origin. TIP4
<b>Immunogen</b>	Synthetic peptide of murine TIP47 N-terminus (aa 1 – 14), MSSNGTDAPAEAQA-C
<b>Source/Host</b>	Guinea pig
<b>Species Reactivity</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr, IHC (PFA fixed), IB
<b>Format</b>	Stabilized antiserum
<b>Size</b>	100 µl
<b>Preservative</b>	None
<b>Storage</b>	At 2-8°C

# GENE INFORMATION

Gene Name	<a href="#">PLIN3 perilipin 3 [ Homo sapiens ]</a>
Official Symbol	PLIN3
Synonyms	PLIN3; perilipin 3; PP17; TIP47; M6PRBP1; mannose-6-phosphate receptor binding protein 1; cargo selection protein (mannose 6 phosphate receptor binding protein); MPR-BINDING PROTEIN, 47-KD; placental protein 17; 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; perilipin-3; placental protein 17; cargo selection protein TIP47; tail-interacting protein, 47 kD
Entrez Gene ID	<a href="#">10226</a>
Protein Refseq	<a href="#">NP_005808</a>
UniProt ID	<a href="#">O60664</a>
Chromosome Location	19p13.3
Function	protein coding