



Anti-PLIN3 (aa 1-16) polyclonal antibody (DPAB2385GH)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to TIP47(a.a. 1-16)
Antigen Description	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.
Specificity	TIP47 (tail-interacting protein of 47 kD) is involved in lipid droplet maturation (see e.g. Bulankina 2003 and 2009). The protein has been localized in milk fat globule membranes of human and bovine origin. It has been described also as a placental protei
Immunogen	Synthetic peptide of TIP47 N-terminus (aa 1 – 16)
Source/Host	Guinea pig
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr, IHC (PFA fixed), IB
Format	Stabilized antiserum
Size	100 µl
Preservative	None
Storage	At 2-8°C

GENE INFORMATION

Gene Name	PLIN3 perilipin 3 [Homo sapiens]
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	10226
Protein Refseq	NP_005808
UniProt ID	O60664
Chromosome Location	19p13.3
Function	protein coding