

PLIN3

Reactivity:Human

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:47kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human PLIN3

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PP17; TIP47; M6PRBP1;

Catalog #:A6822

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:10226

Isotype:IgG

Swiss Prot:O60664

Purity:Affinity purification

For research use only.

Background:

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.

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