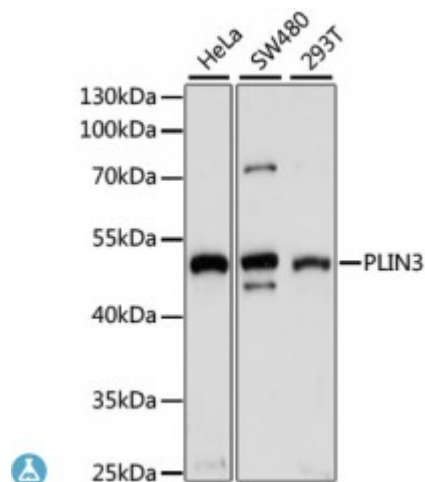


Anti-PLIN3 Antibody



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.

Model	STJ116409
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 135-434 of human PLIN3 (NP_005808.3).
Gene ID	10226
Gene Symbol	PLIN3
Dilution range	WB 1:500 - 1:1000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	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

Molecular Weight	47.075 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16893OMIM:602702Reactome:R-HSA-163560
Alternative 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
Function	Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network,
Cellular Localization	Cytoplasm

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