

ARG56843 anti-Perilipin 3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Perilipin 3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Perilipin 3
Species	Human
Immunogen	Synthetic peptide (14 aa) within the last 50 aa of Human Perilipin 3.
Conjugation	Un-conjugated
Alternate Names	PP17; Placental protein 17; 47 kDa mannose 6-phosphate receptor-binding protein; M6PRBP1; Perilipin-3; Cargo selection protein TIP47; 47 kDa MPR-binding protein; Mannose-6-phosphate receptor-binding protein 1; TIP47

Application Instructions

Application table	Application	Dilution
	ICC/IF	20 µg/ml
	IHC-P	10 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Daudi cell lysate	

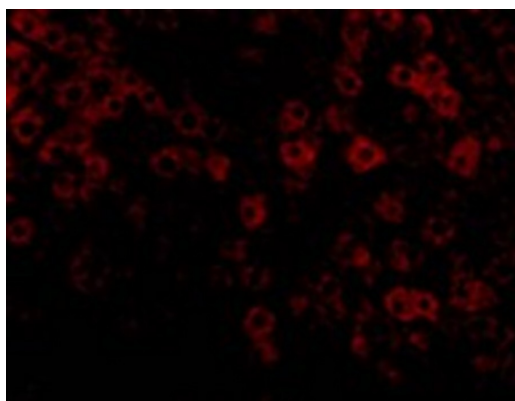
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

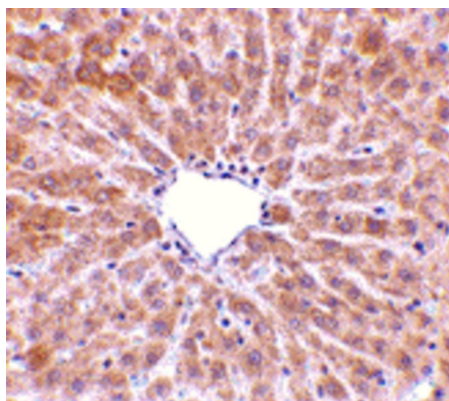
Database links	GeneID: 10226 Human GeneID: 66905 Mouse Swiss-port # O60664 Human Swiss-port # Q9DBG5 Mouse
Gene Symbol	PLIN3
Gene Full Name	perilipin 3
Background	Mannose 6-phosphate receptors (MPRs) deliver lysosomal hydrolase from the Golgi to endosomes and then return to the Golgi complex. The protein 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.[provided by RefSeq, Aug 2009]
Function	Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network. [UniProt]
Calculated Mw	47 kDa

Images



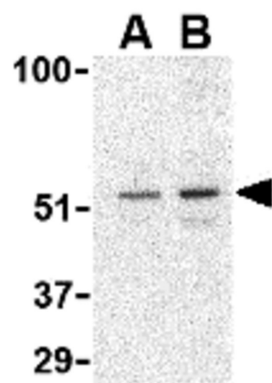
ARG56843 anti-Perilipin 3 antibody ICC/IF image

Immunofluorescence: Rat Liver cells stained with ARG56843 anti-Perilipin 3 antibody at 20 µg/ml dilution.



ARG56843 anti-Perilipin 3 antibody IHC-P image

Immunohistochemistry: Rat liver tissue stained with ARG56843 anti-Perilipin 3 antibody at 10 µg/ml dilution.



ARG56843 anti-Perilipin 3 antibody WB image

Western blot: Daudi cell lysate stained with ARG56843 anti-Perilipin 3 antibody at (A) 0.5 and (B) 1 μ g/ml dilution.