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Mouse Plin3 Antibody(C-term) Blocking peptide

Synthetic peptide
Catalog # BP19365b

Specification

Mouse Plin3 Antibody(C-term) Blocking peptide - Product Information

Primary Accession Q9DBG5

Mouse Plin3 Antibody(C-term) Blocking peptide - Additional Information

Gene ID 66905

Other Names
Perilipin-3, Cargo selection protein TIP47, Mannose-6-phosphate receptor-binding protein 1, Plin3, M6prbp1, Tip47

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Plin3 Antibody(C-term) Blocking peptide - Protein Information

Name Plin3

Synonyms M6prbp1, Tip47 {ECO:0000303|PubMed:15242

Function
Structural component of lipid droplets, which is required for the formation and maintenance of lipid storage droplets. Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network.

Cellular Location
Lipid droplet {ECO:0000250|UniProtKB:O60664}. Endosome membrane {ECO:0000250|UniProtKB:O60664}; Peripheral membrane protein {ECO:0000250|UniProtKB:O60664}; Cytoplasmic side {ECO:0000250|UniProtKB:O60664}. Cytoplasm {ECO:0000250|UniProtKB:O60664}. Note=Membrane associated on endosomes Detected in the envelope and the core of lipid bodies and in lipid sails. {ECO:0000250|UniProtKB:O60664}

Mouse Plin3 Antibody(C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

Mouse Plin3 Antibody(C-term) Blocking peptide - Images

Mouse Plin3 Antibody(C-term) Blocking peptide - Background

Plin3 is required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network (By similarity).

Mouse Plin3 Antibody(C-term) Blocking peptide - References

Hocsak, E., et al. FEBS Lett. 584(13):2953-2960(2010)Lee, B., et al. Biochim. Biophys. Acta 1791(12):1173-1180(2009)Skinner, J.R., et al. J. Biol. Chem. 284(45):30941-30948(2009)Bell, M., et al. Diabetes 57(8):2037-2045(2008)Straub, B.K., et al. Hepatology 47(6):1936-1946(2008)