

LIPI Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10266b**Specification**

LIPI Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q6XZB0](#)
Other Accession [NP_945347.1](#)

LIPI Antibody (C-term) Blocking peptide - Additional Information

Gene ID 149998

Other Names

Lipase member I, LIPI, 311-, Cancer/testis antigen 17, CT17, LPD lipase, Membrane-associated phosphatidic acid-selective phospholipase A1-beta, mPA-PLA1 beta, LIPI, LPDL

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.

LIPI Antibody (C-term) Blocking peptide - Protein Information

Name LIPI

Synonyms LPDL

Function

Hydrolyzes specifically phosphatidic acid (PA) to produce 2- acyl lysophosphatidic acid (LPA; a potent bioactive lipid mediator) and fatty acid. Does not hydrolyze other phospholipids, like phosphatidylserine (PS), phosphatidylcholine (PC) and phosphatidylethanolamine (PE) or triacylglycerol (TG).

Cellular Location

[Isoform 1]: Cell membrane. Secreted Note=May associate with lipid draft.

Tissue Location

Expressed in testis. Expressed exclusively at the connecting piece of the sperm.

LIPI Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

LIPI Antibody (C-term) Blocking peptide - Images

LIPI Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a phospholipase that hydrolyzes phosphatidic acid to produce lysophosphatidic acid. The encoded protein, which can be inhibited by sodium vanadate, may be found exclusively in sperm. Defects in this gene are a cause of susceptibility to familial hypertriglyceridemia. [provided by RefSeq].

LIPI Antibody (C-term) Blocking peptide - References

Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Hiramatsu, T., et al. J. Biol. Chem. 278(49):49438-49447(2003) Wen, X.Y., et al. Hum. Mol. Genet. 12(10):1131-1143(2003)