10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LIPI Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20877a

Specification

LIPI Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q6XZB0
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**52922**

LIPI Antibody (Center) - 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

Target/Specificity
This LIPI antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 224-258 amino acids from the Central region of human LIPI.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
LIPI Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LIPI Antibody (Center) - 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.

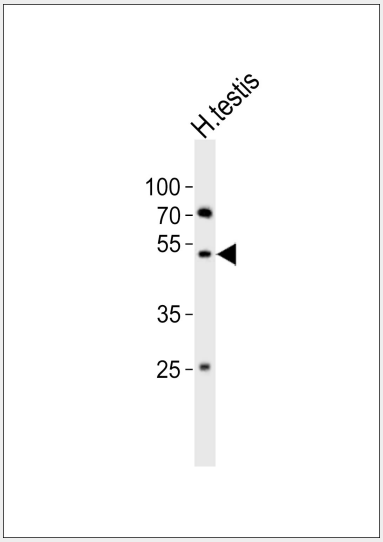
Tissue Location
Expressed in testis. Expressed exclusively at the connecting piece of the sperm.

LIPI Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LIPI Antibody (Center) - Images



Western blot analysis of lysate from human testis tissue lysate, using LIPI Antibody (Center)(Cat. #AP20877a). AP20877a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

LIPI Antibody (Center) - Background

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).

LIPI Antibody (Center) - References

Hiramatsu T.,et al.J. Biol. Chem. 278:49438-49447(2003).
Wen X.-Y.,et al.Hum. Mol. Genet. 12:1131-1143(2003).
Hattori M.,et al.Nature 405:311-319(2000).