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LPD lipase Polyclonal Antibody

Catalog # AP70769

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q6XZB0
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52922

Additional Information

Gene ID	149998
Other Names	LIPI; LPDL; PRED5; Lipase member I; LIPI; Cancer/testis antigen 17; CT17; LPD lipase; Membrane-associated phosphatidic acid-selective phospholipase A1-beta; mPA-PLA1 beta
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

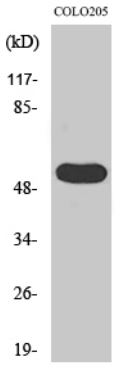
Protein Information

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.

Background

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Images



Western Blot analysis of various cells using LPD lipase Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.