

Anti-LIPI Antibody

Catalog # AP60767

Product Information

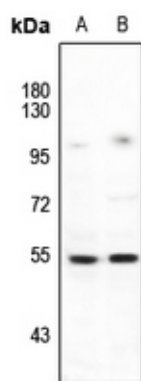
Application	WB, IHC
Primary Accession	Q6XZB0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52922

Additional Information

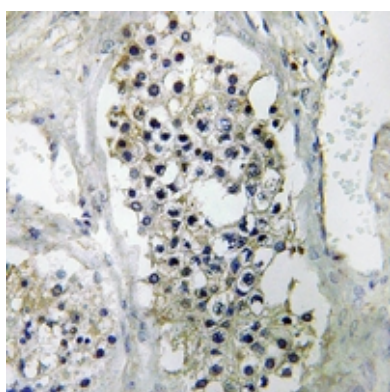
Gene ID	149998
Other Names	LPDL; Lipase member I; LIPI; Cancer/testis antigen 17; CT17; LPD lipase; Membrane-associated phosphatidic acid-selective phospholipase A1-beta; mPA-PLA1 beta
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LIPI. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.



Western blot analysis of LIPI expression in HeLa (A), PC3 (B) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 53 kD)



Immunohistochemical analysis of LIPI staining in human testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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