

LIPH antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14707**Specification**

LIPH antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8WWY8
Other Accession	NM_139248 , NP_640341
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50kDa KDa

LIPH antibody - C-terminal region - Additional Information**Gene ID** 200879**Alias Symbol** AH, LPDLR, PLA1B, mPA-PLA1, LAH2, ARWH2**Other Names**

Lipase member H, LIPH, 3.1.1.-, LPD lipase-related protein, Membrane-associated phosphatidic acid-selective phospholipase A1-alpha, mPA-PLA1 alpha, Phospholipase A1 member B, LIPH, LPDLR, MPAPLA1, PLA1B

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LIPH antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LIPH antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LIPH antibody - C-terminal region - Protein Information**Name** LIPH**Synonyms** LPDLR, MPAPLA1, PLA1B**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

Secreted. Cell membrane; Peripheral membrane protein

Tissue Location

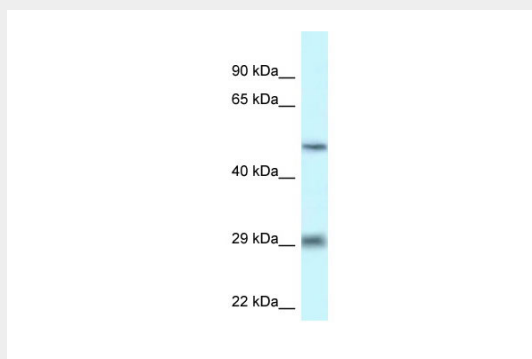
Present in intestine (at protein level). Expressed in colon, prostate, kidney, pancreas, ovary, testis, intestine, lung and pancreas. Expressed at lower level in brain, spleen and heart. In the skin, it is prominently expressed in hair follicles, including the stem cell-rich bulge region and the inner root sheath (PubMed:17095700, PubMed:32336749).

LIPH antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LIPH antibody - C-terminal region - Images



WB Suggested Anti-LIPH Antibody Titration: 1.0 µg/ml
Positive Control: THP-1 Whole Cell

LIPH antibody - C-terminal region - References

Sonoda H., et al. J. Biol. Chem. 277:34254-34263(2002).
Jin W., et al. Genomics 80:268-273(2002).
Kazantseva A., et al. Science 314:982-985(2006).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.