

LIPH Rabbit pAb

CatalogNo: YN6177

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 50kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human LIPH

Specificity This antibody detects endogenous levels of LIPH at Human, Mouse, Rat

Target Information

Gene name LIPH LPDLR MPAPLA1 PLA1B

Protein Name Lipase member H (LIPH) (LPD lipase-related protein) (Membrane-associated phosphatidic acid-selective phospholipase A1-alpha) (mPA-PLA1 alpha) (Phospholipase A1 member B)

Organism	Gene ID	UniProt ID
Human	200879 ;	Q8WWY8 ;
Mouse	239759 ;	Q8CIV3 ;
Rat	681694 ;	Q32PY2 ;

Cellular Localization Secreted . Cell membrane ; Peripheral membrane protein.

Tissue specificity 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 hair, it is prominently expressed in hair follicles, including the stem cell-rich bulge region.

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).

| Validation Data

| Contact information

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LIPH Rabbit pAb

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