



Rabbit Anti-LIPA3 antibody

SL18287R

Product Name:	LIPA3
Chinese Name:	蛋白酪氨酸磷酸酶受体F多肽 α 3抗体
Alias:	LIPA3_HUMAN; liprin; Liprin-alpha-3; LPNA3; Ppfia3; Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3; protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 3; protein tyrosine phosphatase, receptor type, f polypeptide, alpha 3; PTPRF-interacting protein alpha-3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	133kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LIPA3:301-400/1194
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The Drosophila segment polarity gene <i>lin</i> encodes a protein, <i>lines</i> , which plays important roles in development of the epidermis and hindgut. This gene encodes a protein containing a <i>lines</i> -like domain. This gene is located on chromosome 15 and

clustered with the gene encoding ankyrin repeat and SOCS box-containing protein 7. [provided by RefSeq, Sep 2010]

Function:

May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates.

Subcellular Location:

Cytoplasm. Cell surface. Colocalizes with PTPRF at the cell surface.

Tissue Specificity:

Expressed only in brain.

Similarity:

Belongs to the liprin family. Liprin-alpha subfamily. Contains 3 SAM (sterile alpha motif) domains.

SWISS:

O75145

Gene ID:

8541

Database links:

[Entrez Gene: 8541](#) Human

[Entrez Gene: 76787](#) Mouse

[Entrez Gene: 140591](#) Rat

[Omim: 603144](#) Human

[SwissProt: O75145](#) Human

[SwissProt: P60469](#) Mouse

[SwissProt: Q91Z79](#) Rat

[Unigene: 413748](#) Human

[Unigene: 277235](#) Mouse

[Unigene: 105437](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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