



## Rabbit Anti-LIPN/Lipase N antibody

SL18294R

<b>Product Name:</b>	LIPN/Lipase N
<b>Chinese Name:</b>	脂肪水解酶LIPN抗体
<b>Alias:</b>	bA186O14.3; LI4; Lipase member N; Lipase, family member N; Lipase-like abhydrolase domain-containing protein 4; LIPL4; Lipn; LIPN_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Horse,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	44kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LIPN/Lipase N:101-200/398
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The gene encodes a lipase that is highly expressed in granular keratinocytes in the epidermis, and plays a role in the differentiation of keratinocytes. Mutations in this gene are associated with lamellar ichthyosis type 4. [provided by RefSeq, Dec 2011]</p> <p><b>Function:</b> Plays a highly specific role in the last step of keratinocyte differentiation. May have an</p>

essential function in lipid metabolism of the most differentiated epidermal layers.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Exclusively expressed in the epidermis within the granular keratinocytes.

**Similarity:**

Belongs to the AB hydrolase superfamily. Lipase family.

**SWISS:**

Q5VXI9

**Gene ID:**

643418

**Database links:**

[Entrez Gene: 643418](#) Human

[Omim: 613924](#) Human

[SwissProt: Q5VXI9](#) Human

[Unigene: 632091](#) Human

**Important Note:**

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