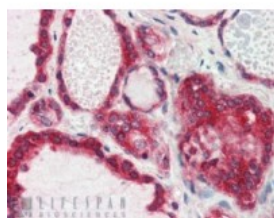




## Lipin 3 Antibody

CATALOG NUMBER: 45-837



Immunohistochemistry (2.5ug/ml) staining  
of paraffin embedded Human Thyroid  
Gland. Steamed antigen retrieval with  
citrate buffer pH 6, AP-staining.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, IHC-P
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:64000. Western Blot: Preliminary experiments gave bands at approx 80kDa and 60kDa in Human Liver lysates after 0.1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated s Immunohistochemistry: In paraffin embedded Human Thyroid Gland shows staining of cytoplasm and cell membrane of epithelial cells surrounding the follicles. Recommended concentration, 2-3ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1380 - Human Thyroid Tissue Lysate
<b>IMMUNOGEN:</b>	Lipin 3 antibody was raised against a 12 amino acid synthetic peptide near the internal region of Lipin 3.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	Lipin 3 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Lipin 3 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	LPIN3, lipin 3, RP4-620E11.3, LIPN3L, SMP2, dJ450M14.2, dJ450M14.3, dJ620E11.2, lipin 3-like
<b>ACCESSION NO.:</b>	NP_075047.1
<b>PROTEIN GI NO.:</b>	74271888
<b>OFFICIAL SYMBOL:</b>	LPIN3

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**GENE ID:** 64900

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**Background**

**REFERENCES:** 1) Santos-Rosa H, Leung J, Grimsey N, Peak-Chew S, Siniossoglou S. The yeast lipin Smp2 couples phospholipid biosynthesis to nuclear membrane growth. EMBO J. 2005 Jun 1;24(11):1931-41. Epub 2005 May 5.

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**FOR RESEARCH USE ONLY**

December 13, 2016