

# Product Datasheet

## Lipin 3 Antibody NB100-53802

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NB100-53802**

## Lipin 3 Antibody

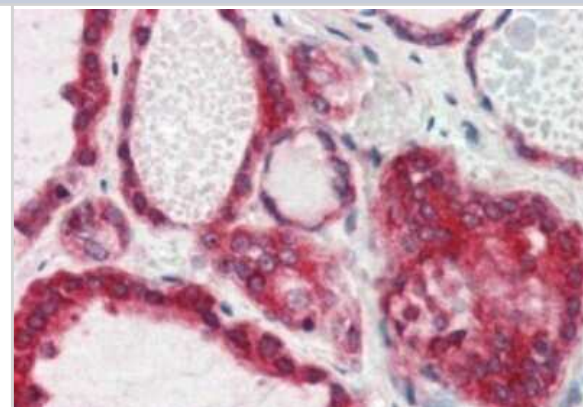
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Lipin 3 Antibody (NB100-53802) is a polyclonal antibody validated for use in IHC and ELISA. Anti-Lipin 3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	64900
Gene Symbol	LPIN3
Species	Human
Immunogen	Peptide with sequence C-KPKQKEDAVATD corresponding to internal region according to NP_075047.1.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 2 - 3 ug/ml, Immunohistochemistry-Paraffin 2 - 3 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Preliminary experiments gave bands at approx. 80 kDa band and 60 kDa band in human liver lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 93.6 kDa band according to NP_075047.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the bands). IHC-P: Human thyroid gland shows staining of cytoplasm and cell membrane of epithelial cells surrounding the follicles.

**Images**

Immunohistochemistry-Paraffin: Lipin 3 Antibody [NB100-53802] - (2.5ug/ml) staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Santos-Rosa H, Leung J, Grimsey N et al. The yeast lipin Smp2 couples phospholipid biosynthesis to nuclear membrane growth. EMBO J 2005-06-01 [PMID: 15889145]





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### **Products Related to NB100-53802**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-31920PEP	Lipin 3 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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