

Product Datasheet

Perilipin-3/TIP47 Antibody - BSA Free NBP1-87871

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-87871

Perilipin-3/TIP47 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

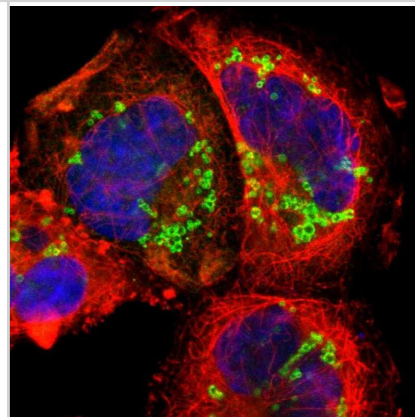
Product Description	
Description	Novus Biologicals Rabbit Perilipin-3/TIP47 Antibody - BSA Free (NBP1-87871) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Perilipin-3/TIP47 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10226
Gene Symbol	PLIN3
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SLGKLRATKQRAQEALLQLSQALSMLMETVKQGVDQKLVEGQEKLHQMWLSW NQKQLQGPEKEPPKPEQVESRALTMFRDIAQQLQATCTSLGSSIQGLPTNVKD QVQQARRQVEDLQATFSSIHS

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.



Images

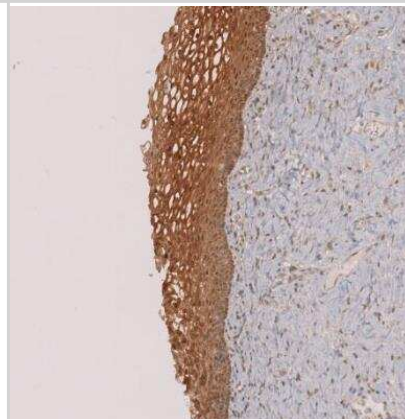
Staining of human cell line A-431 shows localization to lipid droplets.



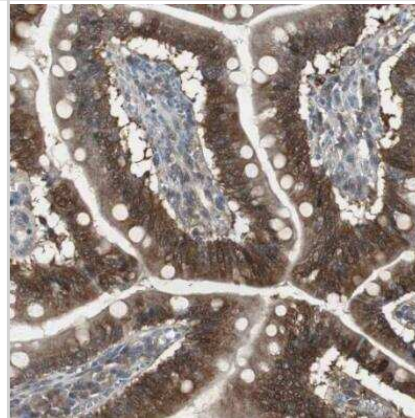
Immunohistochemistry-Paraffin: Perilipin-3/TIP47 Antibody [NBP1-87871] - Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



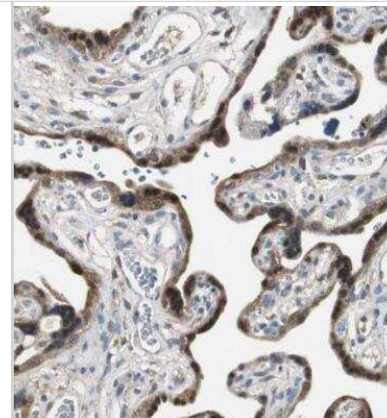
Immunohistochemistry-Paraffin: Perilipin-3/TIP47 Antibody [NBP1-87871] - Staining of human cervix shows strong cytoplasmic positivity in squamous epithelial cells.



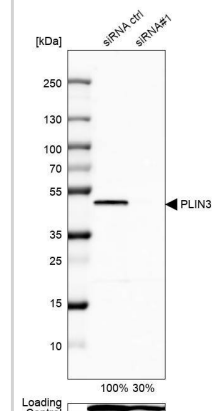
Immunohistochemistry-Paraffin: Perilipin-3/TIP47 Antibody [NBP1-87871] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Perilipin-3/TIP47 Antibody [NBP1-87871] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1, using Anti-PLIN3 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



Publications

McLelland GL, Lee SA, McBride HM, Fon EA. Syntaxin-17 delivers PINK1/parkin-dependent mitochondrial vesicles to the endolysosomal system *J. Cell Biol.* 2016-08-01 [PMID: 27458136]

Vogt DA, Camus G, Herker E et al. Lipid Droplet-Binding Protein TIP47 Regulates Hepatitis C Virus RNA Replication through Interaction with the Viral NS5A Protein. *PLoS Pathog* 2013-01-01 [PMID: 23593007] (ICC/IF)

Ioannou MS, Bell ES, Girard M et al. DENND2B activates Rab13 at the leading edge of migrating cells and promotes metastatic behavior *J. Cell Biol.* 2015-03-02 [PMID: 25713415] (ICC/IF, Human)



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Products Related to NBP1-87871

NBP1-87871PEP	Perilipin-3/TIP47 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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