

Product Datasheet

Perilipin Antibody (1K4W3)

NBP3-16480-100ul

Unit Size: 100 ul

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

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NBP3-16480-100ul

Perilipin Antibody (1K4W3)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1K4W3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	56 kDa

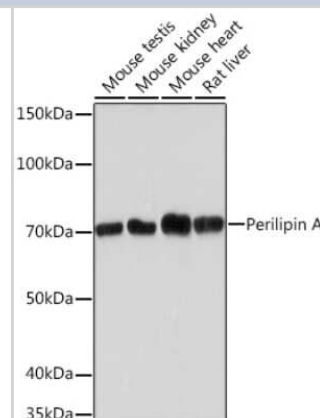
Product Description	
Description	Novus Biologicals Rabbit Perilipin Antibody (1K4W3) (NBP3-16480) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5346
Gene Symbol	PLIN1
Species	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 400-500 of human Perilipin (O60240). HYVPLPRLSLMEPESEFRDIDNPPAEVERREAERRASGAPSAGPEPAPRLAQP RRSLRSAQSPGAPPGGLEDEVATPAAPRPGFPAVPREKPKRRVSDSF

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/Immunofluorescence 1:100 - 1:400, Immunohistochemistry-Paraffin 1:100 - 1:1000

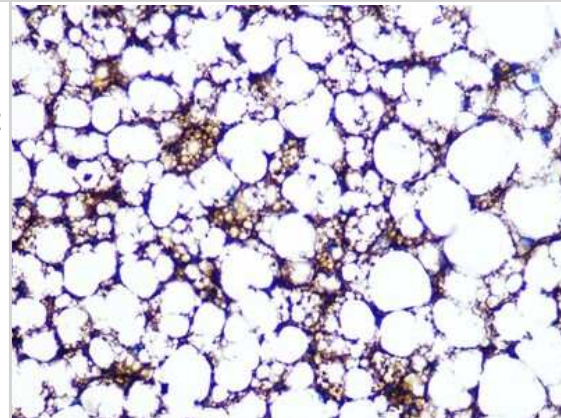


Images

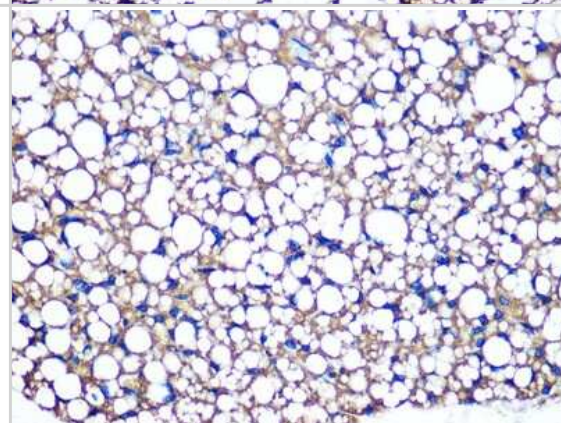
Western Blot: Perilipin Antibody (1K4W3) [NBP3-16480] - Western blot analysis of extracts of various cell lines, using Perilipin Rabbit mAb (NBP3-16480) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



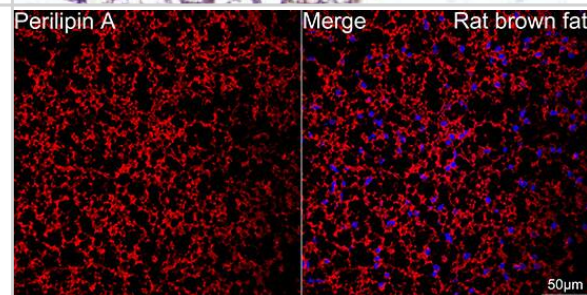
Immunohistochemistry-Paraffin: Perilipin Antibody (1K4W3) [NBP3-16480] - Immunohistochemistry of paraffin-embedded rat brown adipose using Perilipin Rabbit mAb (NBP3-16480) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: Perilipin Antibody (1K4W3) [NBP3-16480] - Immunohistochemistry of paraffin-embedded mouse brown adipose using Perilipin Rabbit mAb (NBP3-16480) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence: Perilipin Antibody (1K4W3) [Perilipin] - Confocal imaging of paraffin-embedded Rat brown fat tissue using Perilipin Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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Products Related to NBP3-16480-100ul

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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