

Product Datasheet

UCP1/3 Antibody (0S10010)

NBP3-33199-100ul

Unit Size: 100 ul

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

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NBP3-33199-100ul

UCP1/3 Antibody (0S10O10)

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	0S10O10
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	34 kDa
Product Description	
Description	Novus Biologicals Rabbit UCP1/3 Antibody (0S10O10) (NBP3-33199) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-307 of mouse UCP1/3 (P12242). Sequence: MVNPTTSEVQPTMGVKIFSAGVSACLADIITFPLDTAKVRLQIQGEGQASSTIRY KGVLTITTAKTEGLPKLYSGLPAGIQRQISFASLRIGLYDSVQEYFSSGRETP ASLGNKISAGLMTGGVAVFIGQPTTEVVKVRMQAQSHLHGKPRYTGTYNAYRVI ATTESLSTLWKGTTPLMRNVIINCTELVTYDLMKGALVNNKILADDVPCHELLSA LVAGFCTTLLASPDVVKTRFINSPLGQYPSVPSCAMSMYTKEGPTAFFKGFVA SFLRLGSWNVIMFVCFEQLKKELMKSRQTVDCTT
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA Recommended starting concentration is 1 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200



Images

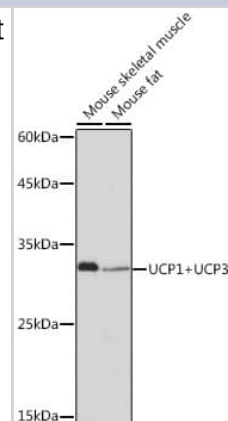
Western Blot: UCP1/3 Antibody (0S10O10) [NBP3-33199] - Western blot analysis of various lysates using UCP1/3 Rabbit mAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

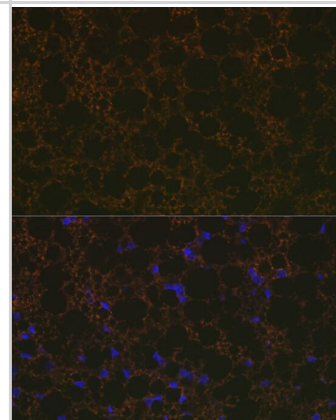
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

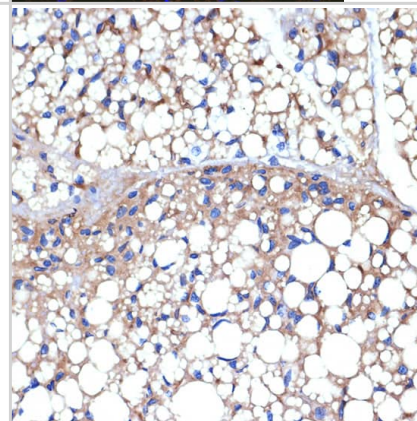
Exposure time: 180s.



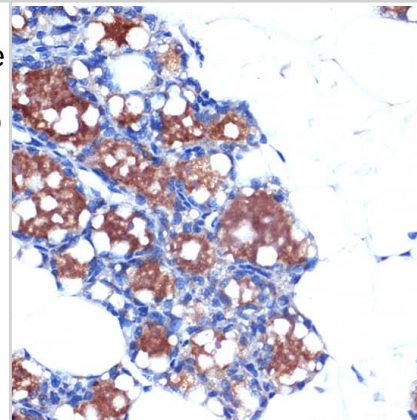
Immunocytochemistry/ Immunofluorescence: UCP1/3 Antibody (0S10O10) [NBP3-33199] - Immunofluorescence analysis of paraffin-embedded rat brown adipose using UCP1/3 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: UCP1/3 Antibody (0S10O10) [NBP3-33199] - Immunohistochemistry analysis of paraffin-embedded Mouse brown adipose using UCP1/3 Rabbit mAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: UCP1/3 Antibody (0S10O10) [NBP3-33199] - Immunohistochemistry analysis of paraffin-embedded Rat brown adipose using UCP1/3 Rabbit mAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.





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Products Related to NBP3-33199-100ul

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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