

Product Datasheet

PEDFR/PNPLA2/ATGL Antibody (JE37-49) **NBP3-32004**

Unit Size: 100 ul

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

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NBP3-32004

PEDFR/PNPLA2/ATGL Antibody (JE37-49)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE37-49
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBST (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	55 kDa

Product Description	
Host	Rabbit
Gene ID	57104
Gene Symbol	PNPLA2
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human PEDFR/PNPLA2/ATGL aa 330-450 / 504. (Uniprot: Q96AD5)

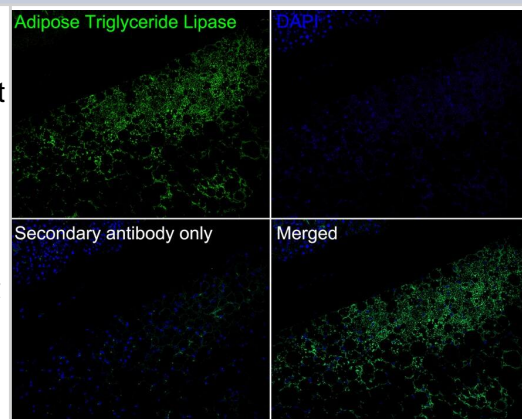
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:500-1:2000



Images

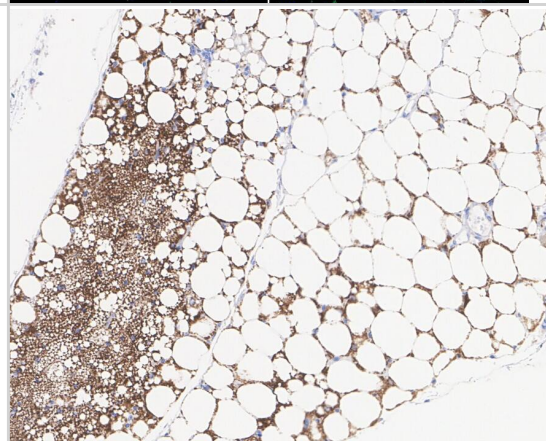
Immunohistochemistry: PEDFR/PNPLA2/ATGL Antibody (JE37-49) [NBP3-32004] - Immunofluorescence analysis of paraffin-embedded mouse brown adipose tissue labeling PEDFR/PNPLA2/ATGL with Rabbit anti-PEDFR/PNPLA2/ATGL antibody (NBP3-32004) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32004, green) at 1/200 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



Immunohistochemistry: PEDFR/PNPLA2/ATGL Antibody (JE37-49) [NBP3-32004] - Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue with Rabbit anti-PEDFR/PNPLA2/ATGL antibody (NBP3-32004) at 1/2,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32004) at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Western Blot: PEDFR/PNPLA2/ATGL Antibody (JE37-49) [NBP3-32004] - Western blot analysis of PEDFR/PNPLA2/ATGL on different lysates with Rabbit anti-PEDFR/PNPLA2/ATGL antibody (NBP3-32004) at 1/1,000 dilution.

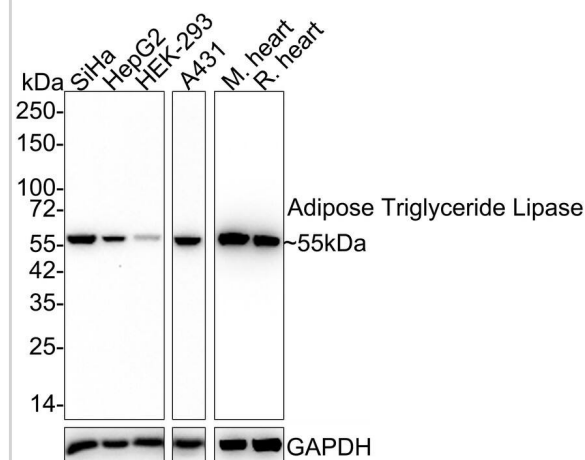
Lane 1: SiHa cell lysate (30 ug/Lane)
Lane 2: HepG2 cell lysate (30 ug/Lane)
Lane 3: HEK-293 cell lysate (30 ug/Lane)
Lane 4: A431 cell lysate (30 ug/Lane)
Lane 5: Mouse heart tissue lysate (40 ug/Lane)
Lane 6: Rat heart tissue lysate (40 ug/Lane)

Predicted band size: 55 kDa
Observed band size: 55 kDa

Exposure time: Lane 1-4: 3 minutes; Lane 5-6: 5 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32004) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 °C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-32004

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21380PEP	PEDFR/PNPLA2/ATGL Recombinant Protein Antigen

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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