

Product Datasheet

FDX1 Antibody (JE63-56) NBP3-32006

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP3-32006

FDX1 Antibody (JE63-56)

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	JE63-56
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	19 kDa

Product Description	
Description	Novus Biologicals Rabbit FDX1 Antibody (JE63-56) (NBP3-32006) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2230
Gene Symbol	FDX1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human FDX1 aa 51-100 / 184. (Uniprot: P10109)

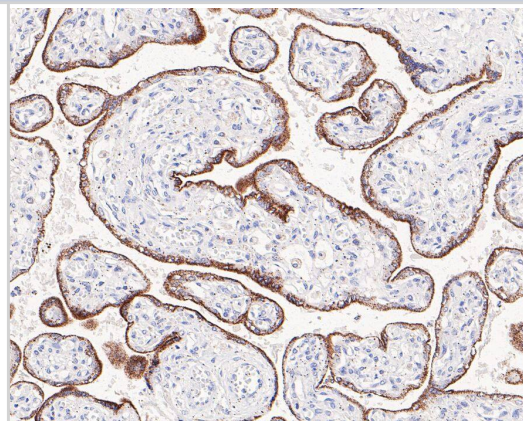
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:200-1:1000



Images

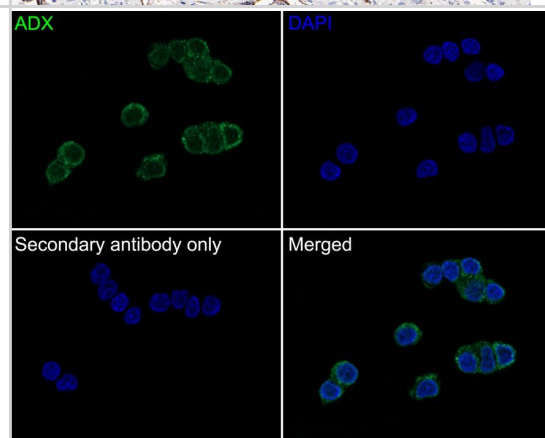
Immunohistochemistry: FDX1 Antibody (JE63-56) [NBP3-32006] - Immunohistochemical analysis of paraffin-embedded human placenta tissue with Rabbit anti-FDX1 antibody (NBP3-32006) at 1/200 dilution.

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 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32006) at 1/200 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.



Immunocytochemistry/ Immunofluorescence: FDX1 Antibody (JE63-56) [NBP3-32006] - Immunocytochemistry analysis of PC-12 cells labeling FDX1 with Rabbit anti-FDX1 antibody (NBP3-32006) at 1/50 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-FDX1 antibody (NBP3-32006) at 1/50 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Western Blot: FDX1 Antibody (JE63-56) [NBP3-32006] - Western blot analysis of FDX1 on different lysates with Rabbit anti-FDX1 antibody (NBP3-32006) at 1/500 dilution.

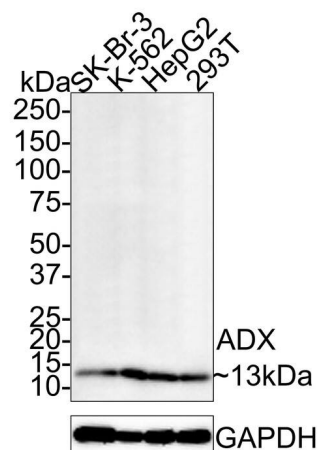
Lane 1: SK-Br-3 cell lysate (15 ug/Lane)
Lane 2: K-562 cell lysate (15 ug/Lane)
Lane 3: HepG2 cell lysate (15 ug/Lane)
Lane 4: 293T cell lysate (15 ug/Lane)

Predicted band size: 19 kDa
Observed band size: 13 kDa

Exposure time: 5 minutes;

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 (NBP3-32006) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-32006

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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