

Product Datasheet

HspA1L Antibody (7D3-R) NBP3-32447

Unit Size: 100 ul

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

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NBP3-32447

HspA1L Antibody (7D3-R)

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	7D3-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	70 kDa

Product Description	
Description	Novus Biologicals Mouse HspA1L Antibody (7D3-R) (NBP3-32447) 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	Mouse
Gene ID	3305
Gene Symbol	HSPA1L
Species	Human, Mouse, Rat
Immunogen	Recombinant protein with Human HspA1L aa 335-639 / 641. (Uniprot: P34931)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000-1:40000



Images

Western Blot: HspA1L Antibody (7D3-R) [NBP3-32447] - Western blot analysis of HspA1L on different lysates with Mouse anti-HspA1L antibody (NBP3-32447) at 1/2,000 dilution.

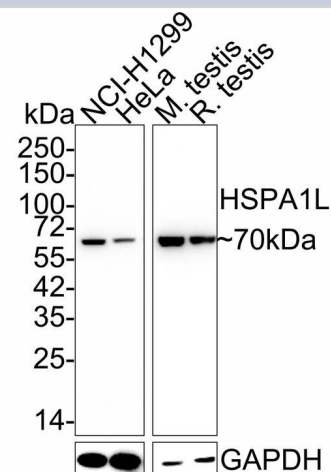
Lane 1: NCI-H1299 cell lysate (20 ug/Lane)
 Lane 2: HeLa cell lysate (20 ug/Lane)
 Lane 3: Mouse testis tissue lysate (40 ug/Lane)
 Lane 4: Rat testis tissue lysate (40 ug/Lane)

Predicted band size: 70 kDa
 Observed band size: 70 kDa

Exposure time: Lane 1-2: 5 minutes; Lane 3-4: 24 seconds;

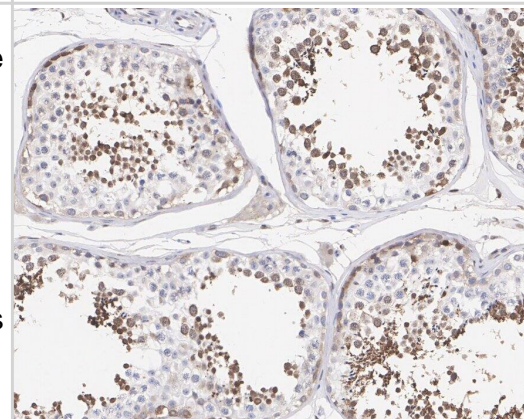
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32447) at 1/2,000 dilution was used in 5% NFDm/TBST at 4 overnight. Anti-Mouse IgG for IP Nano-secondary antibody (NBI02H) at 1/5,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry: HspA1L Antibody (7D3-R) [NBP3-32447] - Immunohistochemical analysis of paraffin-embedded human testis tissue with Mouse anti-HspA1L antibody (NBP3-32447) at 1/1,000 dilution.

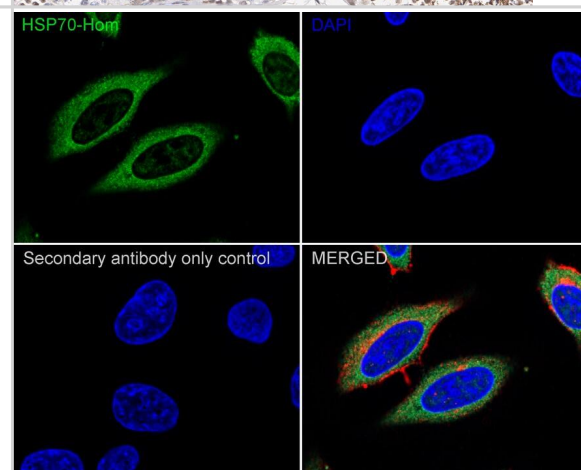
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32447) at 1/1,000 dilution for 1 hour 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.



Immunocytochemistry/ Immunofluorescence: HspA1L Antibody (7D3-R) [NBP3-32447] - Immunocytochemistry analysis of HeLa cells labeling HspA1L with Mouse anti-HspA1L antibody (NBP3-32447) at 1/100 dilution.

Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-HspA1L antibody (NBP3-32447) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse 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.

beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32447

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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