

Product Datasheet

HSP70/HSPA1A Antibody (PD01-65) NBP3-32445

Unit Size: 100 ul

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

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NBP3-32445**HSP70/HSPA1A Antibody (PD01-65)**

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	PD01-65
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	70 kDa

Product Description	
Description	Novus Biologicals Rabbit HSP70/HSPA1A Antibody (PD01-65) (NBP3-32445) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3303
Gene Symbol	HSPA1A
Species	Human
Immunogen	Recombinant fragment within Human HSP70/HSPA1A aa 50-300. (Uniprot: P0DMV9)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200



Images

Western Blot: HSP70/HSPA1A Antibody (PD01-65) [NBP3-32445] - Western blot analysis of HSP70/HSPA1A on different lysates with Rabbit anti-HSP70/HSPA1A antibody (NBP3-32445) at 1/1,000 dilution.

Lane 1: HCT 116 cell lysate
 Lane 2: HEK-293 cell lysate
 Lane 3: HepG2 cell lysate
 Lane 4: A431 cell lysate
 Lane 5: A549 cell lysate

Lysates/proteins at 20 ug/Lane.

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

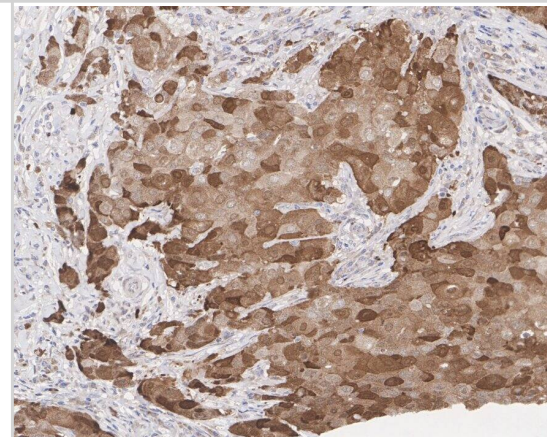
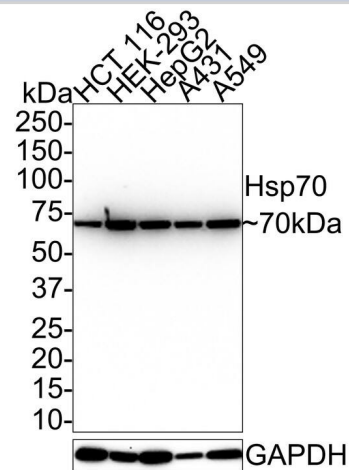
Exposure time: 24 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-32445) at 1/1,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: HSP70/HSPA1A Antibody (PD01-65) [NBP3-32445] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue with Rabbit anti-HSP70/HSPA1A antibody (NBP3-32445) at 1/200 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 (NBP3-32445) 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.





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Products Related to NBP3-32445

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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