

Product Datasheet

HspA4 Antibody - BSA Free

NBP1-81696

Unit Size: 0.1 ml

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

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Publications: 2

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Updated 9/9/2025 v.20.1

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NBP1-81696

HspA4 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

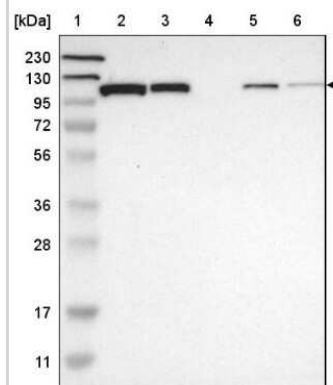
Product Description	
Description	Novus Biologicals Rabbit HspA4 Antibody - BSA Free (NBP1-81696) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HspA4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3308
Gene Symbol	HSPA4
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FEELGKQIQQYMKIISFKNKEDQYDHLDAADMTKVEKSTNEAMEWMNNKLN QNKQSLTMDPVVKSKEIEAKIKELTSTCSPISKPKPKVEPPKEEQKNAEQNGPV DG

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

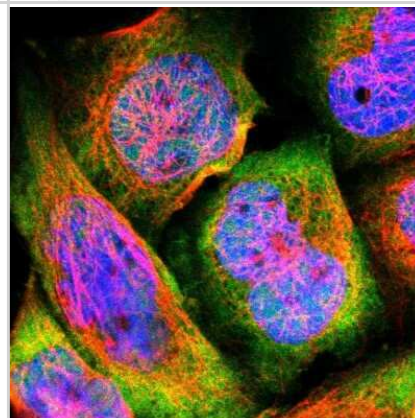


Images

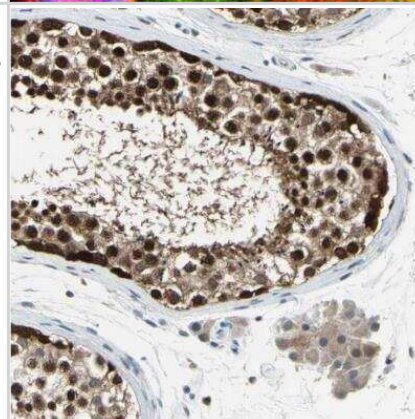
Western Blot: HspA4 Antibody [NBP1-81696] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



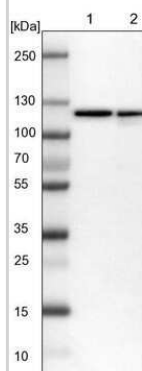
Immunocytochemistry/Immunofluorescence: HspA4 Antibody [NBP1-81696] - Staining of human cell line A-431 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: HspA4 Antibody [NBP1-81696] - Staining of human testis shows nuclear and cytoplasmic positivity in cells in seminiferous ducts and Leydig cells.



Western Blot: HspA4 Antibody [NBP1-81696] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



Publications

van den Heuvel D, Rodríguez-Martínez M, van der Meer PJ et Al. STK19 facilitates the clearance of lesion-stalled RNAPII during transcription-coupled DNA repair Cell 2024-11-11 [PMID: 39547229]

Morisaki T, Yashiro M, Kakehashi A, et al. Comparative Proteomics Analysis of Gastric Cancer Stem Cells PLoS One. 2014-11-07 [PMID: 25379943] (IF/IHC, Human)

Details:

Chorein/VPS13A antibody used for IHC- P at 1:500 dilution on gastric cancer tissue specimens - antigen retrieval for 10 minutes at 105C by autoclave in Target Retrieval Solution, endogenous peroxidase blocked with 3%H₂O₂, On/4C incubation for primary, streptavidin-peroxidase-DAB detection (Figure 3).





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Products Related to NBP1-81696

NBP1-81696PEP	HspA4 Recombinant Protein Antigen
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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