

Product Datasheet

HSP70/HSPA1A Antibody - BSA Free NBP2-46806

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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NBP2-46806

HSP70/HSPA1A Antibody - BSA Free

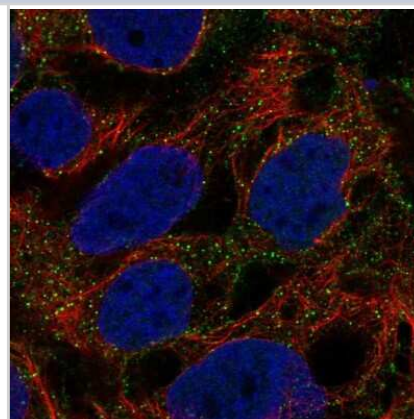
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3303
Gene Symbol	HSPA1A
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ACERAKRTLSSSTQASLEIDSL

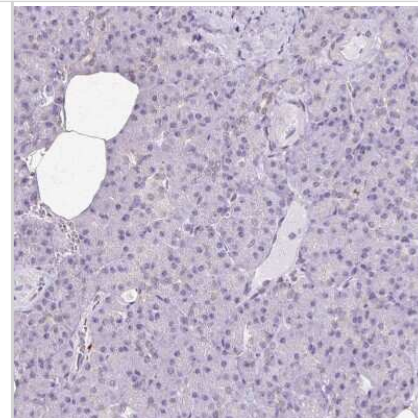
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

Images

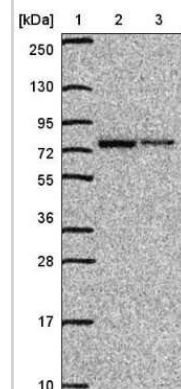
Immunocytochemistry/Immunofluorescence: HSP70/HSPA1A Antibody [NBP2-46806] - Staining of human cell line CACO-2 shows localization to vesicles. Antibody staining is shown in green.



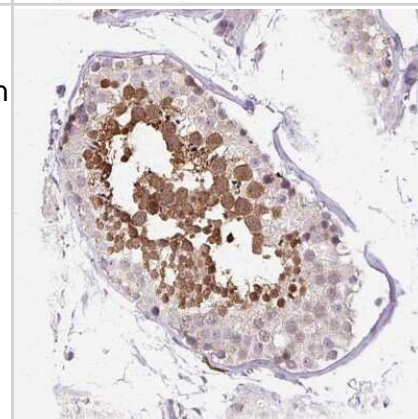
Immunohistochemistry-Paraffin: HSP70/HSPA1A Antibody [NBP2-46806] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



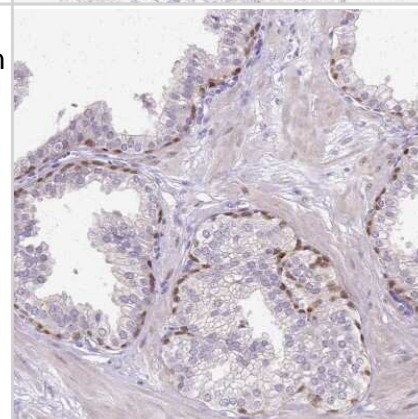
Western Blot: HSP70/HSPA1A Antibody [NBP2-46806] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10, Lane 2: Human cell line RT-4, Lane 3: Human cell line U-251 MG



Immunohistochemistry-Paraffin: HSP70/HSPA1A Antibody [NBP2-46806] - Hsp70 / Hsc70 Antibody [NBP2-46806] - Staining of human testis shows strong cytoplasmic and nuclear positivity in subset of cells in seminiferous ducts.



Immunohistochemistry-Paraffin: HSP70/HSPA1A Antibody [NBP2-46806] - Staining of human prostate shows moderate nuclear positivity in a subset of glandular cells.



Publications

Benjamin J. Lang, Kristina M. Holton, Martin E. Guerrero-Gimenez, Yuka Okusha, Patrick T. Magahis, Amy Shi, Mary Neguse, Shreya Venkatesh, Anh M. Nhu, Jason E. Gestwicki, Stuart K. Calderwood Heat shock protein 72 supports extracellular matrix production in metastatic mammary tumors *Cell Stress & Chaperones* 2024-06-01 [PMID: 38703814]

Doigneaux C, Pedley AM, Mistry IN et al. Hypoxia Drives the Assembly of the Multi-Enzyme Purinosome Complex *J. Biol. Chem.* 2020-05-21 [PMID: 32439803] (WB, Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-46806

NBP2-46806PEP	HSP70/HSPA1A 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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