

Product Datasheet

HspA1B Antibody - BSA Free NBP2-16896

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 3

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NBP2-16896

HspA1B Antibody - BSA Free

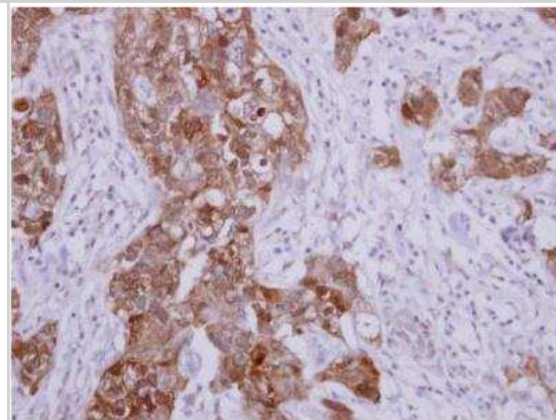
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	70 kDa

Product Description	
Description	Novus Biologicals Rabbit HspA1B Antibody - BSA Free (NBP2-16896) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HspA1B Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3304
Gene Symbol	HSPA1B
Species	Human, Mouse, Rat, Zebrafish
Reactivity Notes	Xenopus laevis (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human HspA1B. The exact sequence is proprietary.

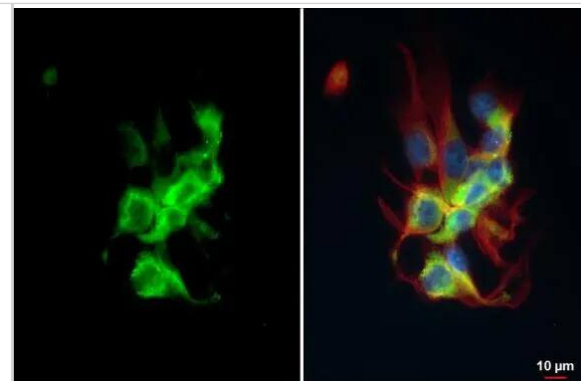
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry Whole-Mount Assay dependent

Images

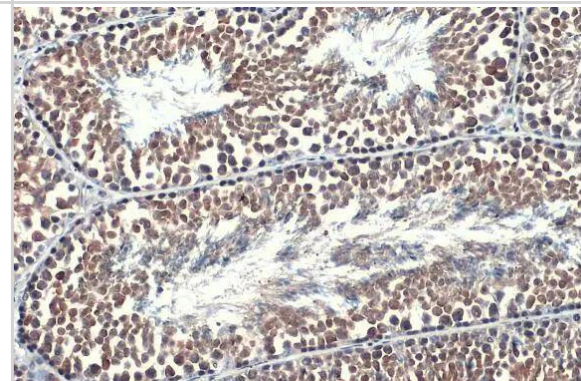
Immunohistochemistry-Paraffin: HspA1B Antibody [NBP2-16896] - Human breast cancer. Hsp70 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunocytochemistry/ Immunofluorescence: HspA1B Antibody [NBP2-16896] - HspA1B antibody detects HspA1B protein at cytoplasm by immunofluorescent analysis. Sample: U87-MG cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: HspA1B stained by HspA1B antibody (NBP2-16896) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000. Blue: Fluoroshield with DAPI .



Hsp70 antibody detects Hsp70 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse testis. Hsp70 stained by Hsp70 antibody (NBP2-16896) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

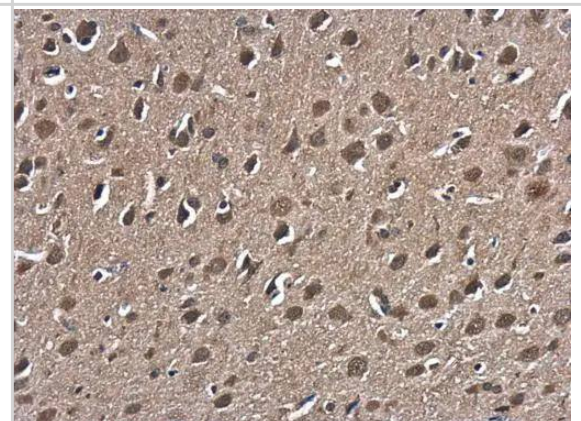


Hsp70 antibody detects Hsp70 protein at cytoplasm in rat brain by immunohistochemical analysis.

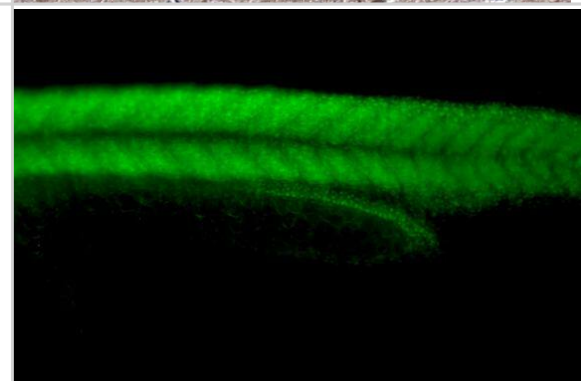
Sample: Paraffin-embedded rat brain.

Hsp70 antibody (NBP2-16896) diluted at 1:500.

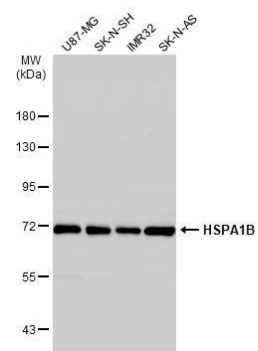
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Hsp70 antibody detects Hsp70 protein on whole mount zebrafish by immunohistochemical analysis. Sample: Paraformaldehyde-fixed 1 day-post-fertilization zebrafish embryo. Green: Hsp70 stained by Hsp70 antibody (NBP2-16896) diluted at 1:100. Antigen Retrieval: Tris-HCl buffer, pH 9.0, 20 min at 70°C



Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Hsp70 antibody (NBP2-16896) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Hsp70 antibody detects Hsp70 protein on whole mount zebrafish by immunohistochemical analysis. Sample: Paraformaldehyde-fixed 1 day-post-fertilization zebrafish embryo. Green: Hsp70 stained by Hsp70 antibody (NBP2-16896) diluted at 1:100. Antigen Retrieval: Tris-HCl buffer, pH 9.0, 20 min at 70°C



Publications

Onay Ucar E, Sengelen A, Mertoglu Kamali E Hsp27, Hsp60, Hsp70, or Hsp90 depletion enhances the antitumor effects of resveratrol via oxidative and ER stress response in human glioblastoma cells *Biochemical Pharmacology* 2023-02-01 [PMID: 36603687] (WB, Human)

Details:
1:1000 WB dilution

Kiyga E, Adiguzel Z, Onay Ucar E Temozolomide increases heat shock proteins in extracellular vesicles released from glioblastoma cells *Molecular biology reports* 2022-06-25 [PMID: 35752701] (WB, Human)

Xia S, Li X, Xu S et al. Sublethal heat treatment promotes breast cancer metastasis and its molecular mechanism revealed by quantitative proteomic analysis *Aging* 2022-02-12 [PMID: 35150481] (IF/IHC, Mouse)



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Products Related to NBP2-16896

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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