

Product Datasheet

HSP70/HSPA1A Antibody

NBP3-16090

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16090**HSP70/HSPA1A Antibody**

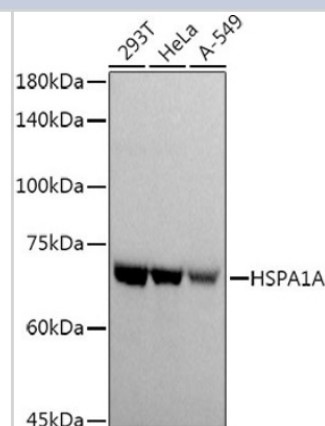
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3

Product Description	
Host	Rabbit
Gene ID	3303
Gene Symbol	HSPA1A
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 500-600 of human HSP70/HSPA1A (NP_005336.3).

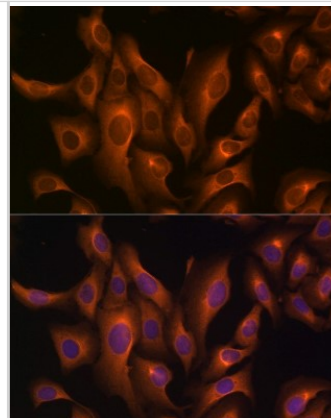
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin

Images

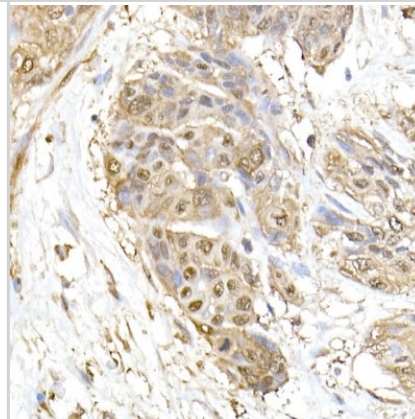
Western Blot: HSP70/HSPA1A Antibody [NBP3-16090] - Western blot analysis of extracts of various cell lines, using HSP70/HSPA1A antibody (NBP3-16090) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 0.5s.



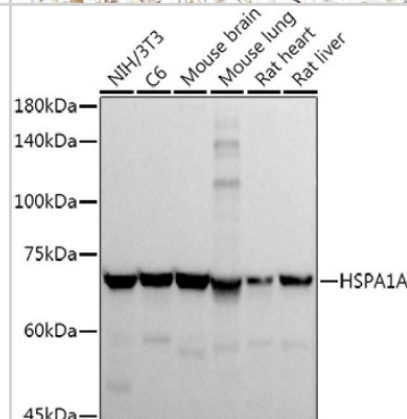
Immunocytochemistry/Immunofluorescence: HSP70/HSPA1A Antibody [NBP3-16090] - Immunofluorescence analysis of U2OS cells using HSP70/HSPA1A Rabbit pAb (NBP3-16090) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



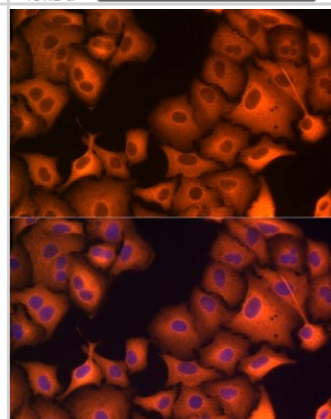
Immunohistochemistry-Paraffin: HSP70/HSPA1A Antibody [NBP3-16090] - Immunohistochemistry of paraffin-embedded human esophageal cancer using HSP70/HSPA1A Rabbit pAb (NBP3-16090) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



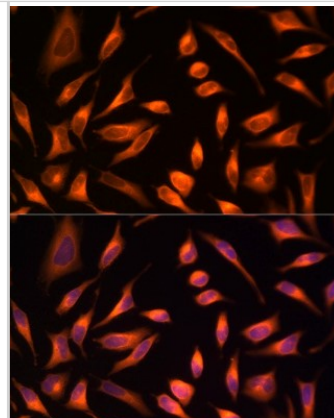
Western Blot: HSP70/HSPA1A Antibody [NBP3-16090] - Western blot analysis of extracts of various cell lines, using HSP70/HSPA1A antibody (NBP3-16090) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



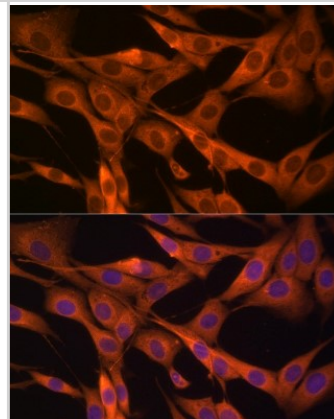
Immunocytochemistry/Immunofluorescence: HSP70/HSPA1A Antibody [NBP3-16090] - Immunofluorescence analysis of A-549 cells using HSP70/HSPA1A Rabbit pAb (NBP3-16090) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



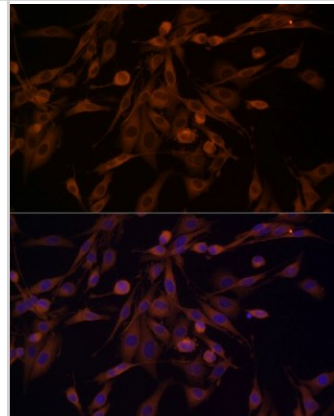
Immunocytochemistry/Immunofluorescence: HSP70/HSPA1A Antibody [NBP3-16090] - Immunofluorescence analysis of HeLa cells using HSP70/HSPA1A Rabbit pAb (NBP3-16090) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



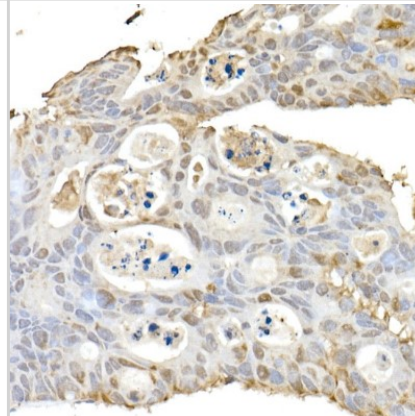
Immunocytochemistry/Immunofluorescence: HSP70/HSPA1A Antibody [NBP3-16090] - Immunofluorescence analysis of NIH/3T3 cells using HSP70/HSPA1A Rabbit pAb (NBP3-16090) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunocytochemistry/Immunofluorescence: HSP70/HSPA1A Antibody [NBP3-16090] - Immunofluorescence analysis of PC-12 cells using HSP70/HSPA1A Rabbit pAb (NBP3-16090) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry-Paraffin: HSP70/HSPA1A Antibody [NBP3-16090] - Immunohistochemistry of paraffin-embedded human colon carcinoma using HSP70/HSPA1A Rabbit pAb (NBP3-16090) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.





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Products Related to NBP3-16090

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-77456PEP	HSP70/HSPA1A Antibody Blocking Peptide

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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