

# Product Datasheet

## HSPB8/HSP22 Antibody - BSA Free NBP1-84945

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: 1

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**NBP1-84945**

HSPB8/HSP22 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

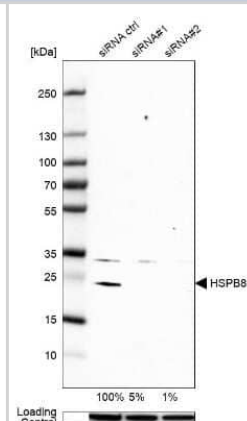
Product Description	
Description	Novus Biologicals Rabbit HSPB8/HSP22 Antibody - BSA Free (NBP1-84945) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HSPB8/HSP22 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	26353
Gene Symbol	HSPB8
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLDDGFGMDPFPDDLTA SWPDWALPRLSSAWPGTLRSGMVPRGPTATARFG VPAEGRTPPFPGE PWKVCNVHVSFKPEELMVKTKDGYVEVSGKHEEKQQE GGIVSKNFTKKIQLP

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

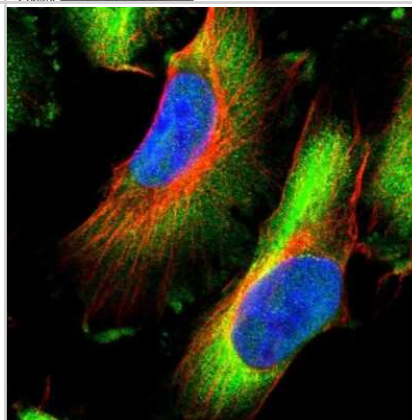


## Images

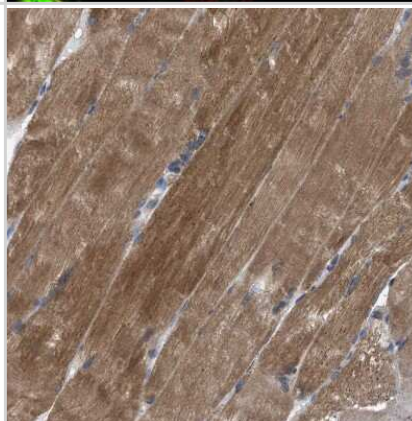
Western Blot: HSPB8/HSP22 Antibody [NBP1-84945] - Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-HSPB8 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



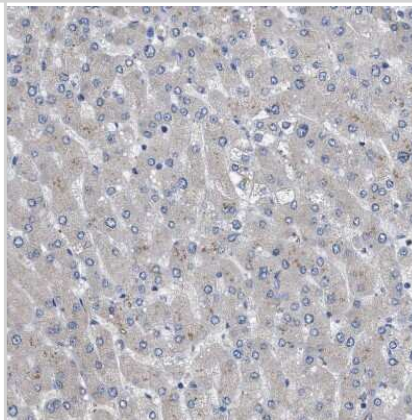
Immunocytochemistry/Immunofluorescence: HSPB8/HSP22 Antibody [NBP1-84945] - Immunofluorescent staining of human cell line U-251 MG shows localization to cytosol.



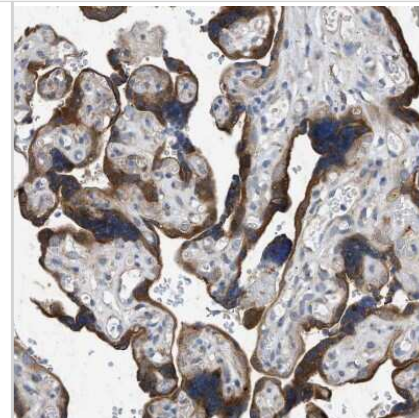
Immunohistochemistry-Paraffin: HSPB8/HSP22 Antibody [NBP1-84945] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



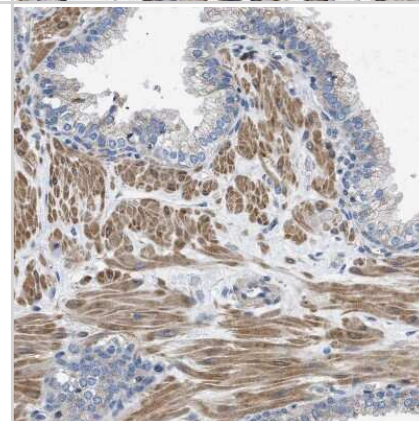
Immunohistochemistry-Paraffin: HSPB8/HSP22 Antibody [NBP1-84945] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: HSPB8/HSP22 Antibody [NBP1-84945]  
- Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: HSPB8/HSP22 Antibody [NBP1-84945]  
- Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



## Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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### **Products Related to NBP1-84945**

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NBP1-84945PEP	HSPB8/HSP22 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

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### **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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