

Product Datasheet

HSP27 Antibody - BSA Free

NBP1-89666

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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NBP1-89666

HSP27 Antibody - BSA Free

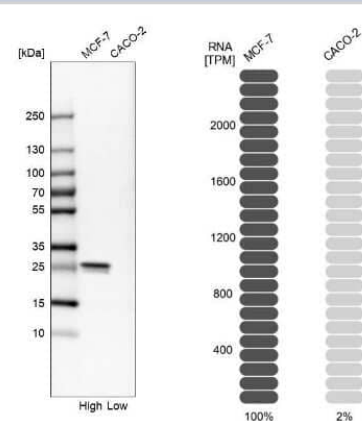
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3315
Gene Symbol	HSPB1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (83%). Reactivity reported in scientific literature (PMID: 16524965)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EEWSQWLGGSSWPGYVRPLPPAAIESPAVAAPAYSRALSRQLSSGVSEIRHT ADRWRVSLDVNHFAPDELTVKTKDGVVEITGKHEERQDEHGYISRCFTRKYTL PPGVDPTQVSS

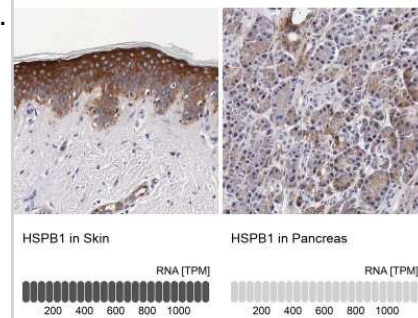
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

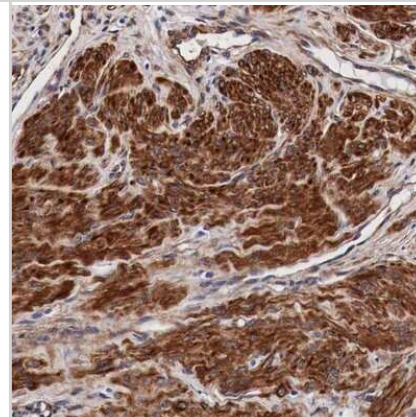
Western Blot: HSP27 Antibody [NBP1-89666] - Analysis in human cell lines MCF-7 and Caco-2 using anti-HSPB1 antibody. Corresponding HSPB1 RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



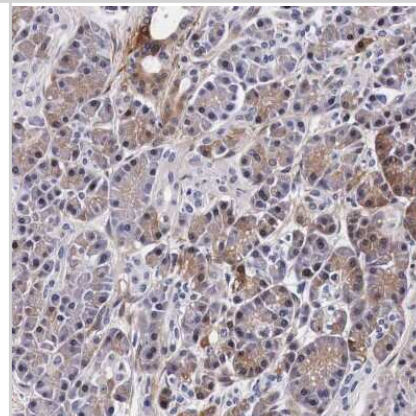
Immunohistochemistry-Paraffin: HSP27 Antibody [NBP1-89666] - Staining in human skin and pancreas tissues using anti-HSPB1 antibody. Corresponding HSPB1 RNA-seq data are presented for the same tissues.



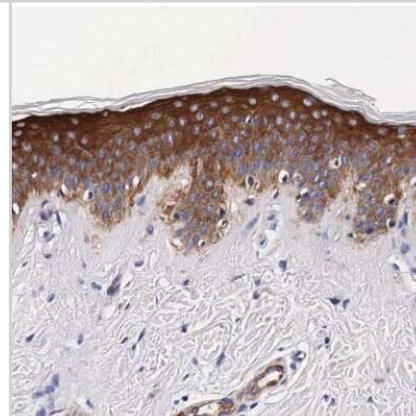
Immunohistochemistry-Paraffin: HSP27 Antibody [NBP1-89666] - Immunohistochemical staining of human smooth muscle shows strong cytoplasmic positivity in smooth muscle cells.



Immunohistochemistry-Paraffin: HSP27 Antibody [NBP1-89666] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: HSP27 Antibody [NBP1-89666] - Staining of human skin shows high expression.



Publications

Ek S, Andreasson U, Hober S et al. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies. *Mol Cell Proteomics* 2006-06-01 [PMID: 16524965]



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Products Related to NBP1-89666

NBP1-89666PEP	HSP27 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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