

# Product Datasheet

## HSP27 Antibody NBP2-24533

Unit Size: 0.1 mg

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

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**NBP2-24533**

## HSP27 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 0.05% BSA

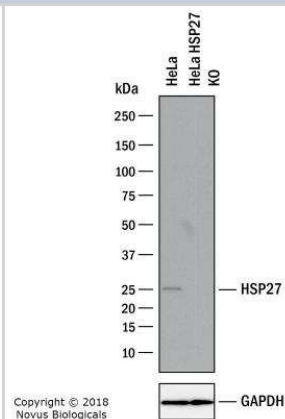
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit HSP27 Antibody (NBP2-24533) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3315
Gene Symbol	HSPB1
Species	Human, Canine, Equine, Primate
Immunogen	A portion of amino acids 50-100 of human HSP27 was used as the immunogen for the antibody.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 2 - 3 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/mL, Knockout Validated

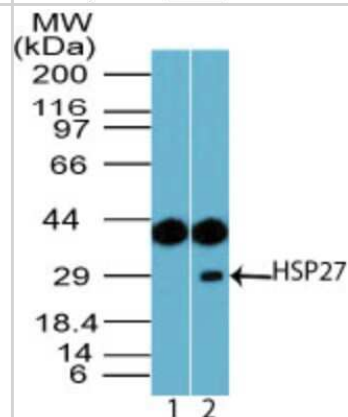


## Images

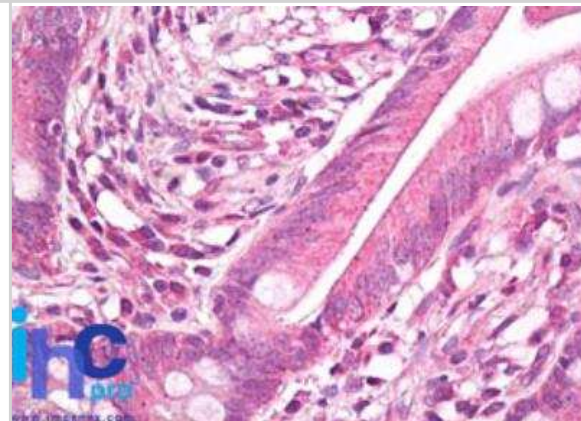
Western Blot: HSP27 Antibody [NBP2-24533] - Lysates of HeLa human cervical epithelial carcinoma parental cell line and HSP27 knockout (KO) HeLa cell line. PVDF membrane was probed with 2 ug/mL of Rabbit Anti-Human HSP27 Polyclonal Antibody (Catalog # NBP2-24533) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (catalog number HAF008). Specific band was detected for HSP27 at approximately 27 kDa (as indicated) in the parental HeLa cell line, but is not detectable in the knockout HeLa cell line. This experiment was conducted under reducing conditions.



Western Blot: HSP27 Antibody [NBP2-24533] - Analysis of HSP27 in human skeletal muscle lysate using 1) preimmune sera at 1:5000 and 2) peptide affinity purified HSP27 antibody at 2.0 ug/mL. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunohistochemistry-Paraffin: HSP27 Antibody [NBP2-24533] - FFPE human small intestine probed with HSP27 antibody at 10 ug/mL. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.





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### **Products Related to NBP2-24533**

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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

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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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