

Product Datasheet

HSP20/HSPB6 Antibody (SD086-03) NBP2-67815

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67815

HSP20/HSPB6 Antibody (SD086-03)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SD086-03
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

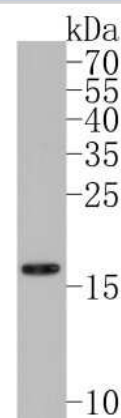
Host	Rabbit
Gene Symbol	HSPB6
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human HSP20/HSPB6 aa 81-130 / 160. (SwissProt: O14558 Human; SwissProt: Q5EBG6 Mouse; SwissProt: P97541 Rat)

Product Application Details

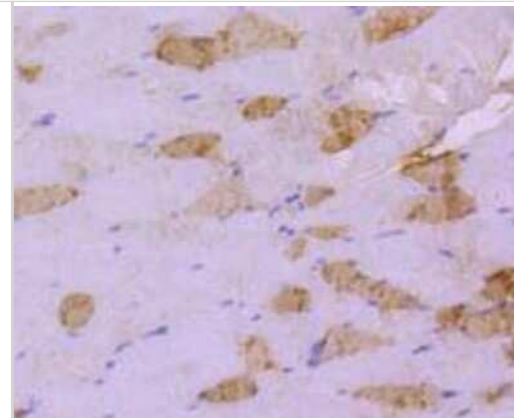
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:500

Images

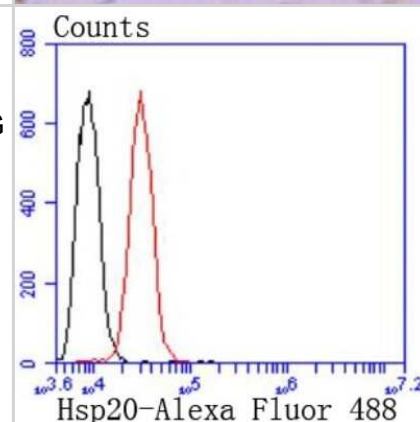
Western Blot: HSP20/HSPB6 Antibody (SD086-03) [NBP2-67815] - Analysis of HSP20/HSPB6 on rat skeletal muscle tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.



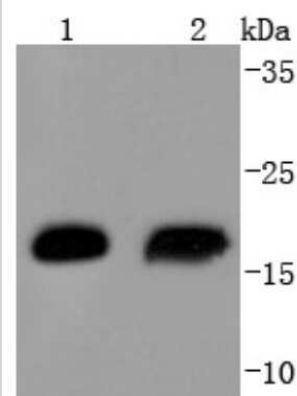
Immunohistochemistry-Paraffin: HSP20/HSPB6 Antibody (SD086-03) [NBP2-67815] - Analysis of paraffin-embedded mouse skeletal muscle tissue using anti-HSP20/HSPB6 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



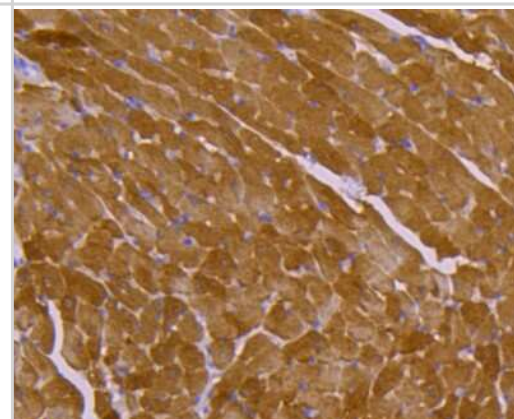
Flow Cytometry: HSP20/HSPB6 Antibody (SD086-03) [NBP2-67815] - Analysis of Hela cells with Hsp20 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



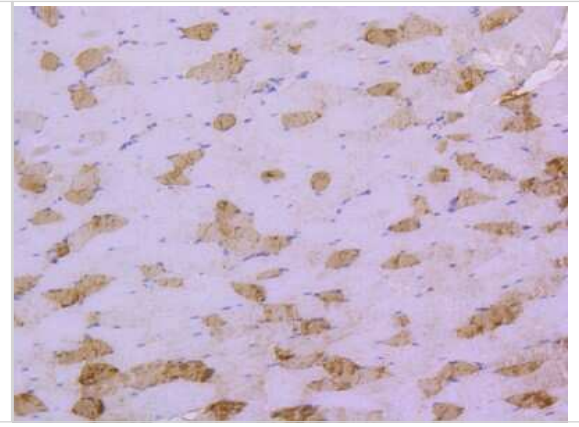
Western Blot: HSP20/HSPB6 Antibody (SD086-03) [NBP2-67815] - Analysis of Hsp20 on different lysates using anti-Hsp20 antibody at 1/1,000 dilution. Positive control: Lane 1: Human skeletal muscle Lane 2: Mouse skeletal muscle



Immunohistochemistry-Paraffin: HSP20/HSPB6 Antibody (SD086-03) [NBP2-67815] - Analysis of paraffin-embedded mouse heart tissue using anti-Hsp20 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: HSP20/HSPB6 Antibody (SD086-03) [NBP2-67815] - Analysis of paraffin-embedded mouse skeletal muscle tissue using anti-Hsp20 antibody. Counter stained with hematoxylin.





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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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