

Product datasheet

Anti-Hsp22/HSPB8 antibody ab79784

★★★★★ [1 Abreviews](#) [4 References](#) [4 Images](#)

Overview

Product name	Anti-Hsp22/HSPB8 antibody
Description	Rabbit polyclonal to Hsp22/HSPB8
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Full length native protein (purified) corresponding to Human Hsp22/HSPB8. Database link: Q9UJY1
Positive control	WB: Rat skeletal tissue. IHC-P: Mouse spinal cord and epithelial tissue. ICC: Human HaCaT cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

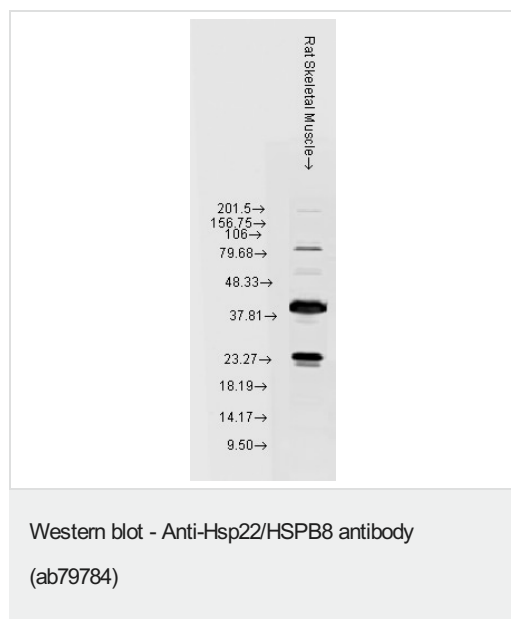
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab79784 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100.
WB		1/1000. Predicted molecular weight: 22 kDa.
ICC		1/100.

Target

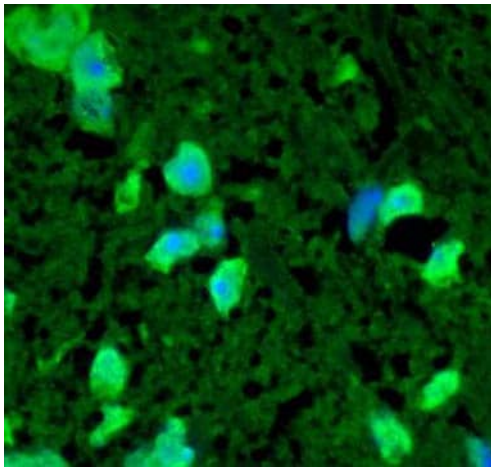
Function	Displays temperature-dependent chaperone activity.
Tissue specificity	Predominantly expressed in skeletal muscle and heart.
Involvement in disease	Neuronopathy, distal hereditary motor, 2A Charcot-Marie-Tooth disease 2L
Sequence similarities	Belongs to the small heat shock protein (HSP20) family.
Cellular localization	Cytoplasm. Nucleus. Translocates to nuclear foci during heat shock.

Images



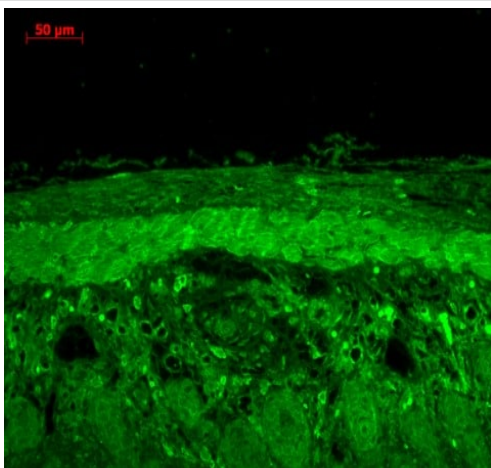
Anti-Hsp22/HSPB8 antibody (ab79784) at 20 µg + Rat skeletal muscle lysate

Predicted band size: 22 kDa



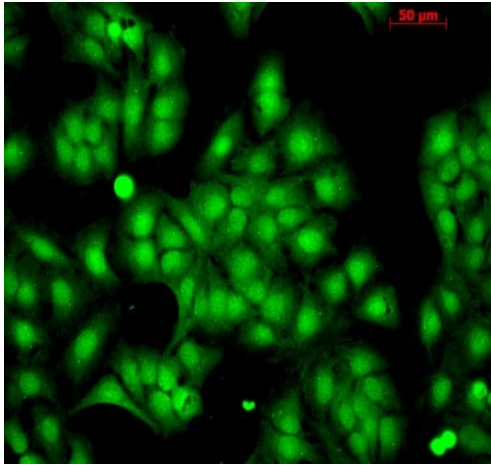
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp22/HSPB8 antibody (ab79784)

ab79784 at 1/100 dilution staining by Hsp22/HSPB8 in mouse spinal cord tissue section by Immunohistochemistry (Bouin's fixative fixed paraffin-embedded tissue section). Antigen retrieval was done by microwave in citrate buffer. A Fluorophore-conjugated goat anti-rabbit secondary was used at 1/10 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp22/HSPB8 antibody (ab79784)

Immunohistochemical analysis of Bouin's fixed paraffin-embedded mouse epithelial tissue using ab79784 at 1/100 dilution for 1 hour at RT, followed by secondary Goat anti-rabbit (green) at 1/50 dilution for 1 hour at RT.



Immunocytochemistry - Anti-Hsp22/HSPB8 antibody
(ab79784)

Immunocytochemical analysis of human HaCaT cells fixed with 100% cold methanol at -20°C for 10 minutes using ab79784 at 1/100 dilution for 12 hours at 4°C, followed by secondary Goat anti-rabbit (green) at 1/50 dilution for 1-2 hours at RT in the dark.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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