abcam

Product datasheet

Anti-HSPA6 antibody ab212044

3 References   3 Images

Overview

Product name	Anti-HSPA6 antibody
Description	Rabbit polyclonal to HSPA6
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P, WB, ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant fragment within Human HSPA6 aa 377-628. The exact sequence is proprietary. Database link: **P17066**
Positive control	Human heart tissue; A431 cells; H1299 whole cell lysate.
General notes	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.
	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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 89% Tris glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab212044 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

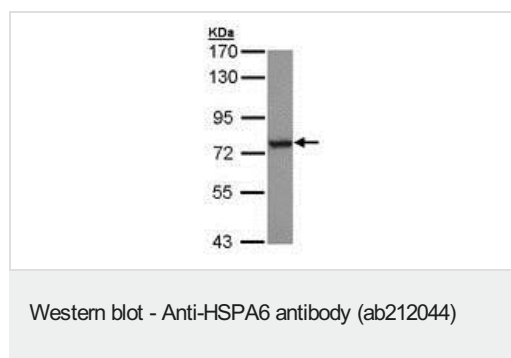| Application	Abreviews	Notes
IHC-P		Use a concentration of 7.5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Use 10 mM Citrate buffer (pH 6.0) or Tris-EDTA buffer (pH 8.0).
WB		1/500 - 1/3000. Predicted molecular weight: 71 kDa.
ICC/IF		1/100 - 1/1000.

Target

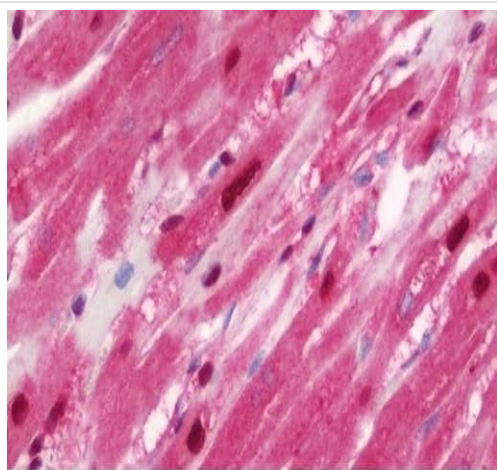|	
Function	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage.
Sequence similarities	Belongs to the heat shock protein 70 family.

Images

Western blot - Anti-HSPA6 antibody (ab212044)

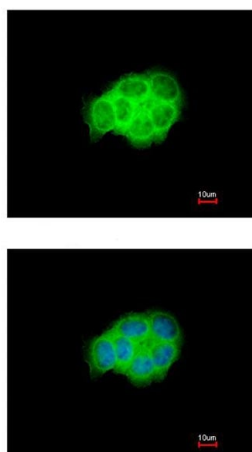Anti-HSPA6 antibody (ab212044) at 1/1000 dilution + H1299 whole cell lysate at 30 µg

Predicted band size: 71 kDa

7.5% SDS PAGE

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human heart tissue labeling HSPA6 with ab212044 at 7.5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSPA6 antibody (ab212044)

Immunofluorescent analysis of paraformaldehyde-fixed A431 cells labeling HSPA6 with ab212044 at 1/200 dilution (green). The lower panel is merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-HSPA6 antibody (ab212044)

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

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

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