


Product datasheet

Anti-DNAJC7 antibody [EPR13349] - N-terminal ab179830

Recombinant RabMAb

[3 References](#) [7 Images](#)

Overview

Product name	Anti-DNAJC7 antibody [EPR13349] - N-terminal
Description	Rabbit monoclonal [EPR13349] to DNAJC7 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB, IHC-P, ICC/IF, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HeLa, HepG2, 293T and Jurkat cell lysates; Human breast tissue and colonic adenocarcinoma tissue; HepG2 and HeLa cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR13349
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab179830 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
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 56 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.
IP		1/10 - 1/100.

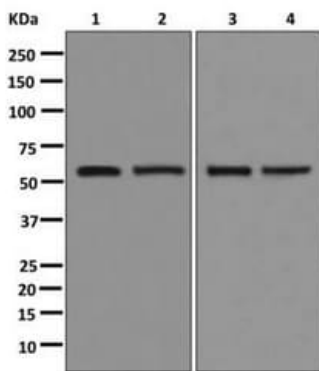
Target

Function Acts as co-chaperone regulating the molecular chaperones HSP70 and HSP90 in folding of steroid receptors, such as the glucocorticoid receptor and the progesterone receptor. Proposed to act as a recycling chaperone by facilitating the return of chaperone substrates to early stages of chaperoning if further folding is required. In vitro, induces ATP-independent dissociation of HSP90 but not of HSP70 from the chaperone-substrate complexes. Recruits NR1I3 to the cytoplasm.

Sequence similarities Contains 1 J domain.
Contains 9 TPR repeats.

Cellular localization Cytoplasm. Nucleus. Cytoplasm > cytoskeleton. Colocalizes with NR1I3 to microtubules.

Images



Western blot - Anti-DNAJC7 antibody [EPR13349] - N-terminal (ab179830)

All lanes : Anti-DNAJC7 antibody [EPR13349] - N-terminal (ab179830) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : HepG2 cell lysate

Lane 3 : 293T cell lysate

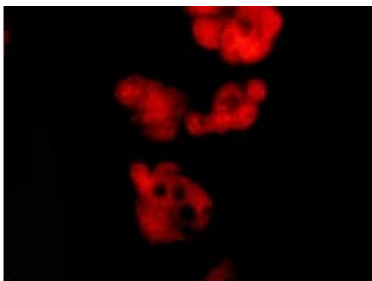
Lane 4 : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

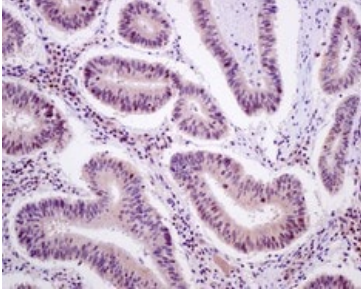
All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 56 kDa



Immunocytochemistry/ Immunofluorescence - Anti-DNAJC7 antibody [EPR13349] - N-terminal (ab179830)

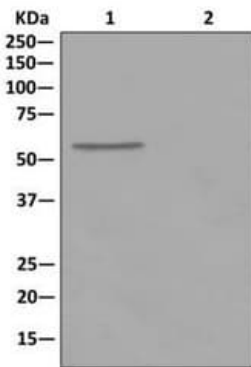
Immunofluorescent analysis of HepG2 cells labeling DNAJC7 with ab179830 at 1/100 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DNAJC7 antibody [EPR13349] - N-terminal (ab179830)

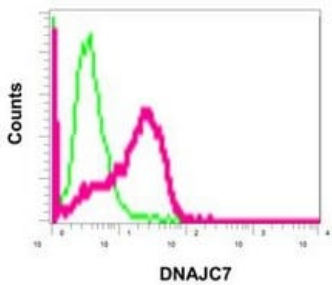
Immunohistochemical analysis of paraffin-embedded Human colonic adenocarcinoma tissue labeling DNAJC7 with ab179830 at 1/50 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



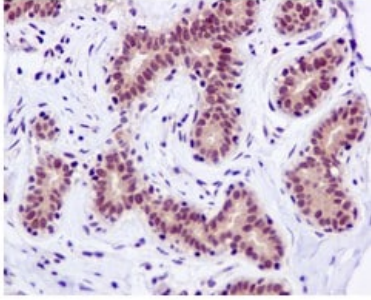
Immunoprecipitation - Anti-DNAJC7 antibody [EPR13349] - N-terminal (ab179830)

Western blot analysis on immunoprecipitation pellet from (1) 293T cell lysate or (2) 1X PBS (negative control) immunoprecipitated using ab179830 at 1/10 dilution, and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG.



Flow Cytometry (Intracellular) - Anti-DNAJC7 antibody [EPR13349] - N-terminal (ab179830)

Intracellular flow cytometric analysis of permeabilized HeLa cells labeling DNAJC7 with ab179830 at 1/10 dilution (red) or a rabbit IgG (negative) (green).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DNAJC7 antibody [EPR13349] - N-terminal (ab179830)

Immunohistochemical analysis of paraffin-embedded Human breast tissue labeling DNAJC7 with ab179830 at 1/50 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Anti-DNAJC7 antibody [EPR13349] - N-terminal (ab179830)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors

