

# Anti-DNAJB6 antibody [EPR17122] - N-terminal ab198995

**重组** RabMAb

**8 References** [9 图像](#)

### 概述

产品名称	Anti-DNAJB6抗体[EPR17122] - N-terminal
描述	兔单克隆抗体[EPR17122] to DNAJB6 - N-terminal
宿主	Rabbit
经测试应用	<b>适用于:</b> Flow Cyt (Intra), IP, WB, ICC/IF, IHC-P
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	U87-MG, SH-SY5Y, HeLa and Jurkat lysate. Mouse heart, rat brain, rat heart, C6, RAW264.7 and PC-12 lysate. Human testis tissue. Rat cerebral cortex tissue. SH-SY5Y and Jurkat cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### 性能

形式	Liquid
存放说明	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.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR17122
同种型	IgG

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab198995于以下的经测试应用

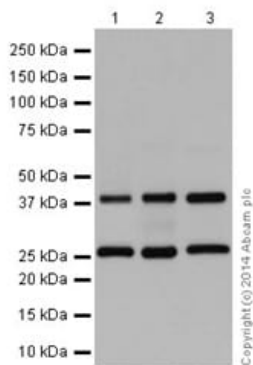
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/500. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IP		1/150.
WB		1/1000. Predicted molecular weight: 36 kDa.
ICC/IF		1/250.
IHC-P		1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

靶标

功能	Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins. Isoform B but not isoform A inhibits huntingtin aggregation. Has a stimulatory effect on the ATPase activity of HSP70 in a dose-dependent and time-dependent manner and hence acts as a co-chaperone of HSP70. Also reduces cellular toxicity and caspase-3 activity.
组织特异性	Widely expressed. Highest levels in testis and brain, and lower levels in heart, spleen, intestine, ovary, placenta, lung, kidney, pancreas, thymus, prostate, skeletal muscle, liver and leukocytes. In testis, expressed in germ cells in the earlier stages of differentiation pathway as well as in spermatids. In brain, expressed at a higher level in hippocampus and thalamus and a lower level in amygdala, substantia nigra, corpus callosum and caudate nucleus.
疾病相关	Limb-girdle muscular dystrophy 1E
序列相似性	Contains 1 J domain.
结构域	The antiaggregation activity of isoform B resides in the serine-rich region and the C-terminus.
细胞定位	Cytoplasm, perinuclear region. Nucleus. Cytoplasm, myofibril, sarcomere, Z line.

图片



Western blot - Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

**All lanes** : Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995) at 1/1000 dilution

**Lane 1** : U87-MG cell lysate

**Lane 2** : SH-SY5Y cell lysate

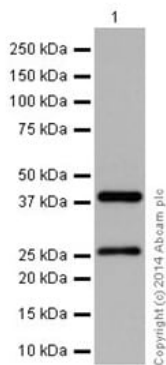
**Lane 3** : HeLa cell lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

**All lanes** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 36 kDa



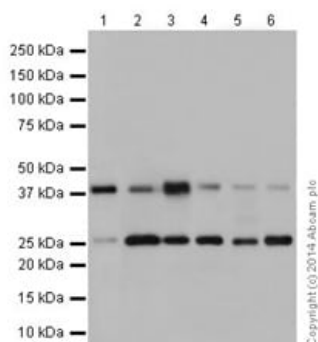
Western blot - Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995) at 1/10000 dilution + Jurkat cell lysate at 20 µg

#### Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 36 kDa



Western blot - Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

**All lanes :** Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995) at 1/1000 dilution

**Lane 1 :** Mouse heart lysate

**Lane 2 :** Rat brain lysate

**Lane 3 :** Rat heart lysate

**Lane 4 :** C6 cell lysate

**Lane 5 :** RAW264.7 cell lysate

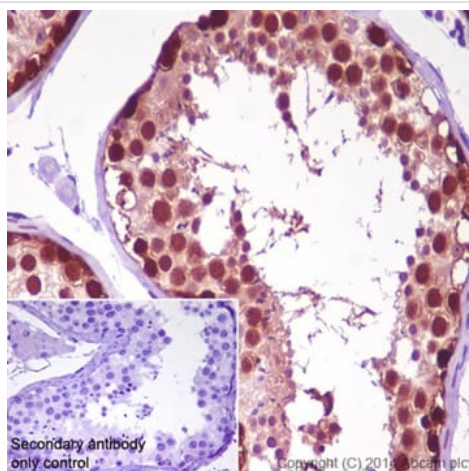
**Lane 6 :** PC-12 cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

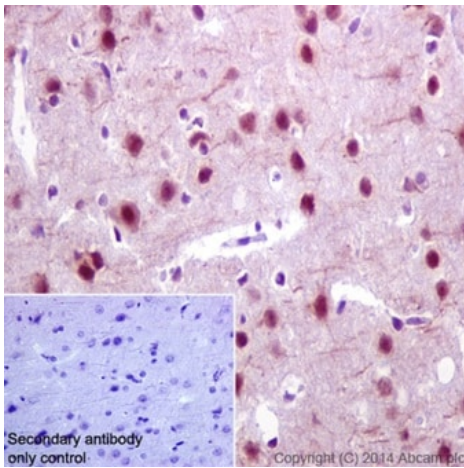
**Predicted band size:** 36 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

Immunohistochemical analysis of paraffin-embedded human testis tissue sections labeling DNAJB6 with ab198995 at a 1/250 dilution. Goat anti-rabbit IgG H&L (HRP) [ab97051](#) used as the secondary at a 1/500 dilution. Counterstain hematoxylin.

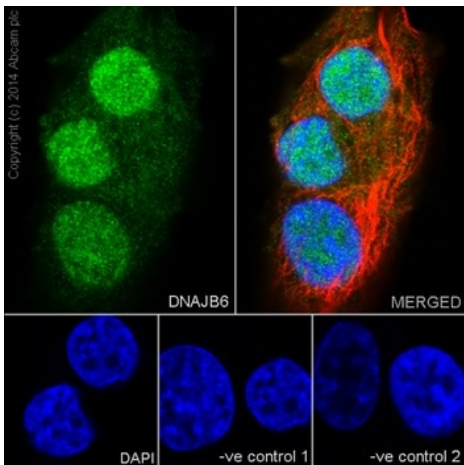
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

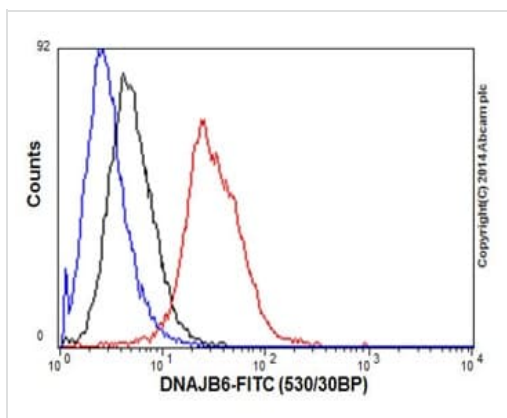
Immunohistochemical analysis of paraffin-embedded rat cerebral cortex tissue sections labeling DNAJB6 with ab198995 at a 1/250 dilution. Goat anti-rabbit IgG H&L (HRP) [ab97051](#) used as the secondary at a 1/500 dilution. Counterstain hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



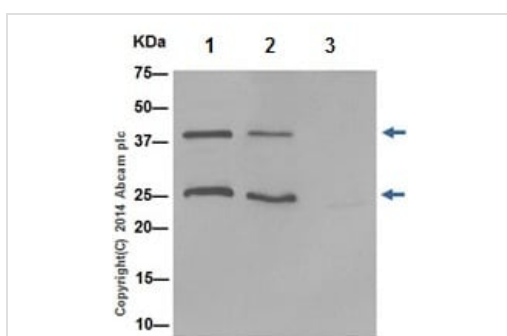
Immunocytochemistry/ Immunofluorescence - Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

Immunocytochemistry/ Immunofluorescence analysis of SH-SY5Y cell line labeling DNAJB6 with ab198995 at a 1/250 dilution. Cells were fixed with 4% paraformaldehyde and permeabilized using 0.1% Triton X-100. [ab150077](#) AlexaFluor®488 Goat anti-Rabbit was used as the secondary at a 1/500 dilution. Counterstained using [ab7291](#) anti-Tubulin (mouse mAb) at a 1/1000 dilution with [ab150120](#) AlexaFluor®594 Goat anti-Mouse secondary at a 1/500 dilution.



Flow Cytometry (Intracellular) - Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

Intracellular Flow Cytometry analysis of DNAJB6 expression in 2% paraformaldehyde-fixed Jurkat (Human acute T cell leukemia) cells using ab198995 at 1/500 dilution (red), a Rabbit monoclonal IgG (**ab172730**) IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). A FITC-conjugated goat anti-rabbit IgG (1/150) was used as the secondary antibody.



Immunoprecipitation - Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

DNAJB6 was immunoprecipitated from Jurkat (Human acute T cell leukemia) whole cell extract with ab198995 at 1/150 dilution. Western blot was performed from the immunoprecipitate using ab198995 at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1500 dilution.

**Lane 1:** Jurkat (Human acute T cell leukemia) whole cell extract (Input) 10 µg.

**Lane 2:** ab198995 IP in Jurkat (Human acute T cell leukemia) whole cell extract.

**Lane 3:** Rabbit monoclonal IgG (**ab172730**) instead of ab198995 in Jurkat (Human acute T cell leukemia) whole cell extract.

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-DNAJB6 antibody [EPR17122] - N-terminal (ab198995)

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