

# Anti-DNAJB6 antibody [EPR17122] - BSA and Azide free ab240346

重组 RabMAb

## 6 图像

### 概述

产品名称	Anti-DNAJB6抗体[EPR17122] - BSA and Azide free
描述	兔单克隆抗体[EPR17122] to DNAJB6 - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: WB, Flow Cyt (Intra), ICC/IF, IP, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
常规说明	<p>ab240346 is the carrier-free version of <a href="#">ab198995</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
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ab240346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
WB		Use at an assay dependent concentration. Predicted molecular weight: 36 kDa.
Flow Cyt (Intra)		Use at an assay dependent concentration. <b>ab199376</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. 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.

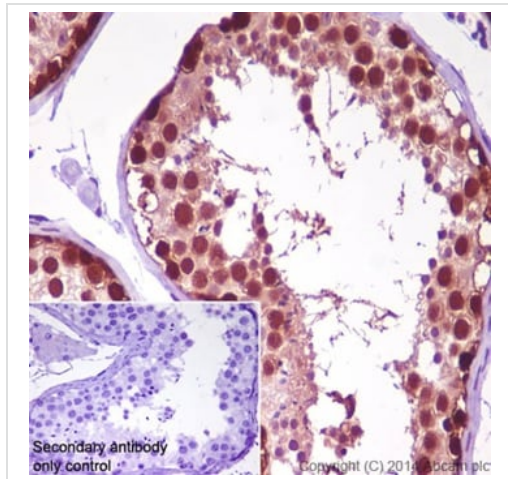
**结构域**

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**

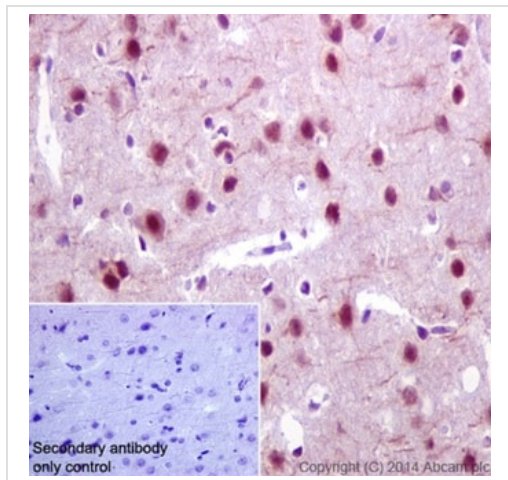


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DNAJB6 antibody [EPR17122] - BSA and Azide free (ab240346)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198995**).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

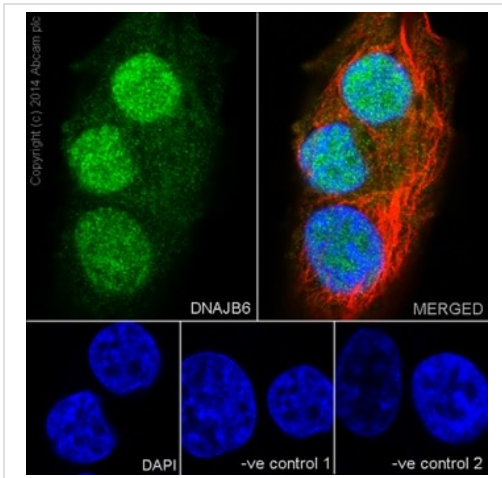


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DNAJB6 antibody [EPR17122] - BSA and Azide free (ab240346)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198995**).

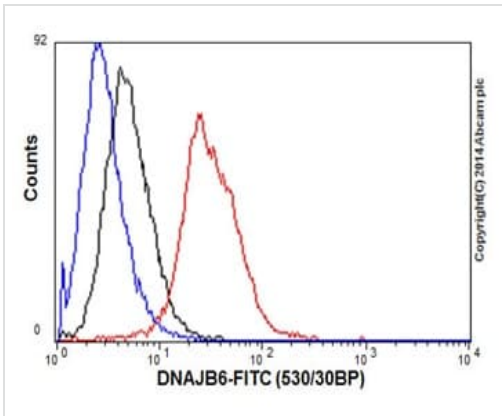
Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-DNAJB6 antibody [EPR17122] - BSA and Azide free (ab240346)

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.

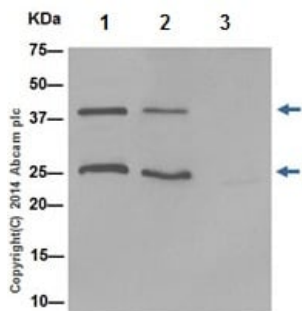
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198995**).



Flow Cytometry (Intracellular) - Anti-DNAJB6 antibody [EPR17122] - BSA and Azide free (ab240346)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198995**).



Immunoprecipitation - Anti-DNAJB6 antibody [EPR17122] - BSA and Azide free (ab240346)

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% NFD/MBST.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198995**).

### 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

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

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