


### Anti-DNAJB6 antibody ab96539

3 References [画像数 2](#)

医薬用外劇物

#### 製品の概要

製品名	Anti-DNAJB6 antibody
製品の詳細	Rabbit polyclonal to DNAJB6
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat, Cow 
免疫原	Recombinant protein fragment with a sequence corresponding to a region within amino acids 1 and 126 of Human DNAJB6 (NP_490647).
ポジティブ・コントロール	HeLaS3 and MOLT4 cell lysates for WB and HeLa cells for IF
特記事項	<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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

### The Abpromise guarantee

**Abpromise保証は、**次のテスト済みアプリケーションにおけるab96539の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 36 kDa.
ICC/IF		1/100 - 1/200.

## ターゲット情報

### 機能

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.

### 組織特異性

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.

### 関連疾患

Limb-girdle muscular dystrophy 1E

### 配列類似性

Contains 1 J domain.

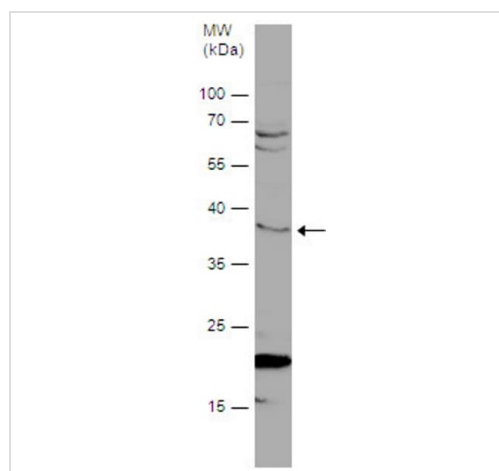
### ドメイン

The antiaggregation activity of isoform B resides in the serine-rich region and the C-terminus.

### 細胞内局在

Cytoplasm, perinuclear region. Nucleus. Cytoplasm, myofibril, sarcomere, Z line.

## 画像

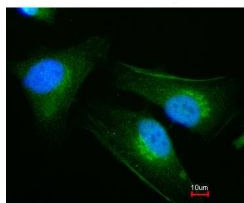


Western blot - Anti-DNAJB6 antibody (ab96539)

MDA-MB-231 whole cell extract (30 µg) separated by 12% SDS-PAGE. Anti-DNAJB6 antibody (ab96539) at 1/500 dilution.



Panel 1



Panel 2

ab96539, at 1/200, staining paraformaldehyde-fixed HeLa cells by Immunofluorescence (Panel 1) and merged with DNA probe (Panel 2).

Immunocytochemistry/ Immunofluorescence - Anti-DNAJB6 antibody (ab96539)

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

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