


Product datasheet

Anti-DNAJC19 antibody ab70092

1 Image

Overview

<b>Product name</b>	Anti-DNAJC19 antibody
<b>Description</b>	Mouse polyclonal to DNAJC19
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Cow, Orangutan 
<b>Immunogen</b>	DNAJC19 full-length human protein (NP_660304.1, 1 a.a. ~ 116 a.a).

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab70092** 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
WB		1/500 - 1/1000. Predicted molecular weight: 12 kDa.

Target

<b>Function</b>	Probable component of the PAM complex, a complex required for the translocation of transit
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peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. May act as a co-chaperone that stimulate the ATP-dependent activity.

#### Tissue specificity

Ubiquitously expressed.

#### Involvement in disease

Defects in DNAJC19 are the cause of 3-methylglutaconic aciduria type 5 (MGA5) [MIM:610198]; also known as dilated cardiomyopathy with ataxia (DCMA). MGA5 is an autosomal recessive disorder characterized by early-onset dilated cardiomyopathy, growth failure, cerebellar ataxia causing significant motor delays, testicular dysgenesis, growth failure, and significant increases in urine organic acids, particularly 3-methylglutaconic acid and 3-methylglutaric acid.

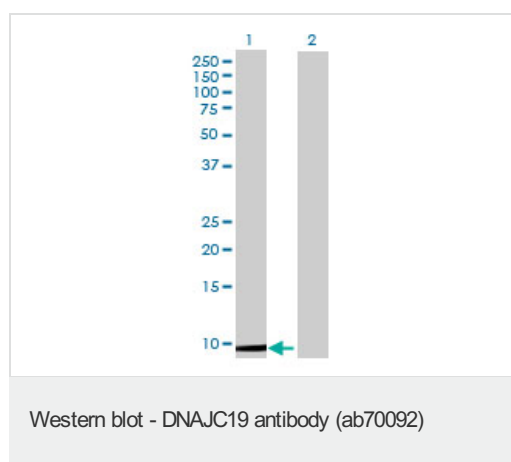
#### Sequence similarities

Belongs to the TIM14 family.  
Contains 1 J domain.

#### Cellular localization

Mitochondrion inner membrane.

### Images



**All lanes :** Anti-DNAJC19 antibody  
(ab70092) at 1/500 dilution

**Lane 1 :** DNAJC19 transfected lysate

**Lane 2 :** Non-transfected lysate

Lysates/proteins at 25 µg per lane.

**Predicted band size:** 12 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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