

Datasheet for ABIN7261475

**anti-DNAJB1 antibody**

5 Images

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## Overview

Quantity:	200 µL
Target:	DNAJB1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human DNAJB1 (NP_006136.1).
Isotype:	IgG
Specificity:	This antibody is KO validated.
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Grade:	KO Validated

## Target Details

Target:	DNAJB1
Alternative Name:	DNAJB1 ( <a href="#">DNAJB1 Products</a> )
Background:	This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of

## Target Details

proteins. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. Alternative splicing results in multiple transcript variants.

Molecular Weight:	Observed_MW: 39 kDa Calculated_MW: 27 kDa/38 kDa
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Gene ID:	3337
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UniProt:	<a href="#">P25685</a>
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## Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 mg/mL
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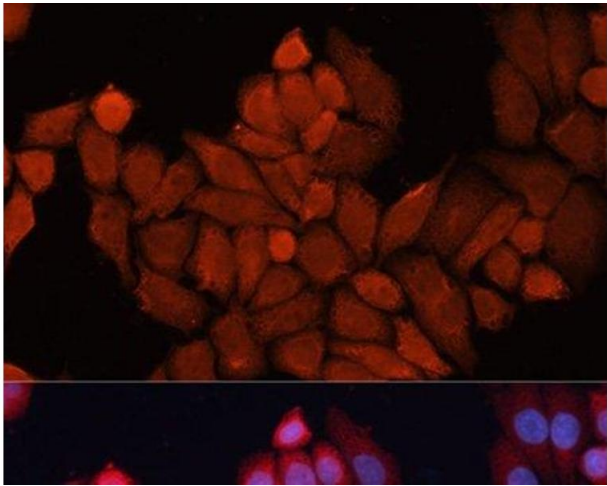
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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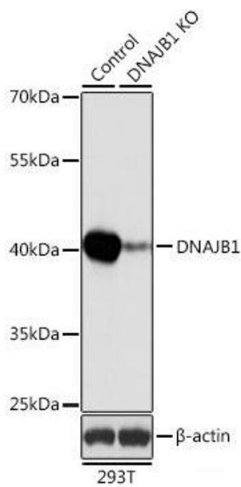
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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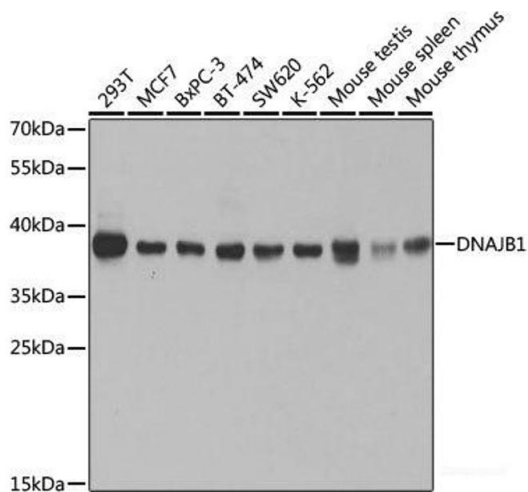
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using DNAJB1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts from normal (control) and DNAJB1 knockout (KO) 293T cells using DNAJB1 Polyclonal Antibody at dilution of 1:1000.



### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines using DNAJB1 Polyclonal Antibody at dilution of 1:1000.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7261475.