

Datasheet for ABIN7150502  
**anti-DNAJB1 antibody (AA 1-340)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	DNAJB1
Binding Specificity:	AA 1-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human DnaJ homolog subfamily B member 1 protein (1-340AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	DNAJB1
Alternative Name:	DNAJB1 ( <a href="#">DNAJB1 Products</a> )
Background:	Background: Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP. Negatively regulates heat shock-induced HSF1

## Target Details

transcriptional activity during the attenuation and recovery phase period of the heat shock response (PubMed:9499401). Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:24318877).

Aliases: DnaJ (Hsp40) homolog subfamily B member 1 antibody, DNAJ 1 antibody, DNAJ B1 antibody, DnaJ heat shock protein family (Hsp40) member B1 antibody, DnaJ homolog subfamily B member 1 antibody, DnaJ protein homolog 1 antibody, DNAJ1 antibody, DNAJB 1 antibody, Dnajb1 antibody, DNAJB1 protein antibody, DNJB1\_HUMAN antibody, HDJ 1 antibody, HDJ-1 antibody, HDJ1 antibody, Heat shock 40 kDa protein 1 antibody, Heat shock 40kD protein 1 antibody, Heat shock protein 40 antibody, Hsp 40 antibody, HSP40 antibody, HSPF 1 antibody, HSPF1 antibody, Human DnaJ protein 1 antibody, Radial spoke 16 homolog B antibody, RSPH16B antibody, Sis1 antibody

UniProt: [P25685](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

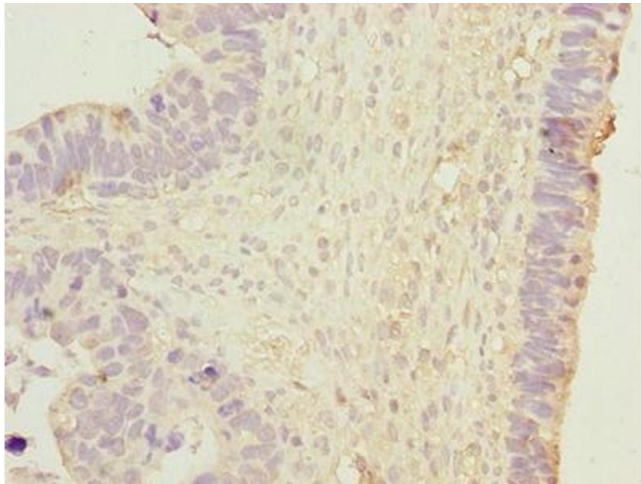
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

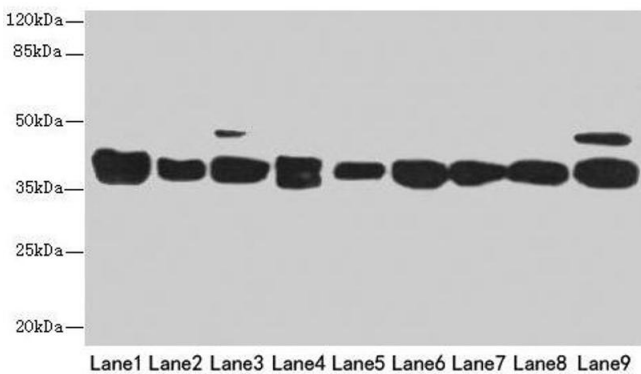
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



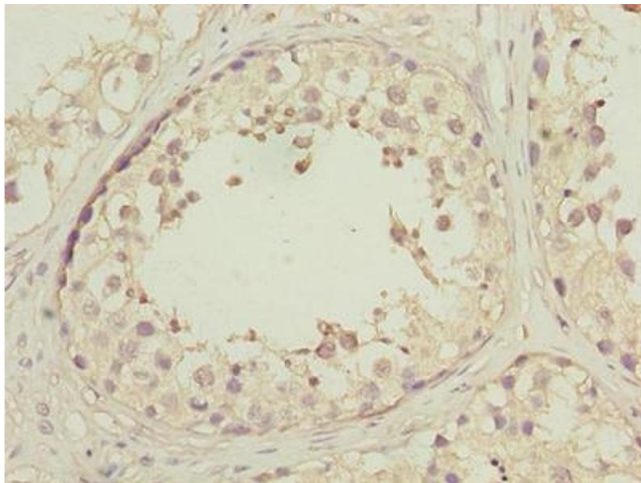
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human ovarian cancer using ABIN7150502 at dilution of 1:100



#### Western Blotting

**Image 2.** Western blot All lanes: DNAJB1 antibody at 3  $\mu$ g/mL Lane 1: Mouse spleen tissue Lane 2: Colo320 whole cell lysate Lane 3: Hela whole cell lysate Lane 4: LO2 whole cell lysate Lane 5: HepG2 whole cell lysate Lane 6: HT29 whole cell lysate Lane 7: A549 whole cell lysate Lane 8: Jurkat whole cell lysate Lane 9: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 39, 28 kDa Observed band size: 39 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7150502 at dilution of 1:100