

**HSP40 Polyclonal Antibody**  
**Catalog # AP70437****Specification**

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**HSP40 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">P25685</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**HSP40 Polyclonal Antibody - Additional Information****Gene ID** 3337**Other Names**

DNAJB1; DNAJ1; HDJ1; HSPF1; DnaJ homolog subfamily B member 1; DnaJ protein homolog 1; Heat shock 40 kDa protein 1; HSP40; Heat shock protein 40; Human DnaJ protein 1; hDj-1

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**HSP40 Polyclonal Antibody - Protein Information****Name** DNAJB1**Synonyms** DNAJ1, HDJ1, HSPF1**Function**

Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP. Negatively regulates heat shock-induced HSF1 transcriptional activity during the attenuation and recovery phase period of the heat shock response (PubMed:<a href="http://www.uniprot.org/citations/9499401" target="\_blank">9499401</a>). Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:<a href="http://www.uniprot.org/citations/24318877" target="\_blank">24318877</a>).

**Cellular Location**

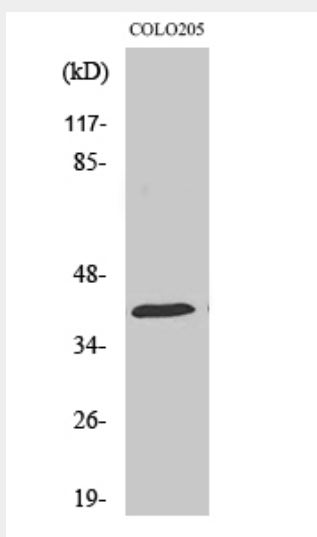
Cytoplasm. Nucleus. Nucleus, nucleolus. Note=Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock

## HSP40 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## HSP40 Polyclonal Antibody - Images



## HSP40 Polyclonal Antibody - Background

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