

## HSP40 Polyclonal Antibody

Catalog # AP70437

### Specification

#### 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:[9499401](http://www.uniprot.org/citations/9499401)). Stimulates ATP hydrolysis and the folding of unfolded proteins mediated by HSPA1A/B (in vitro) (PubMed:[24318877](http://www.uniprot.org/citations/24318877)).

##### Cellular Location

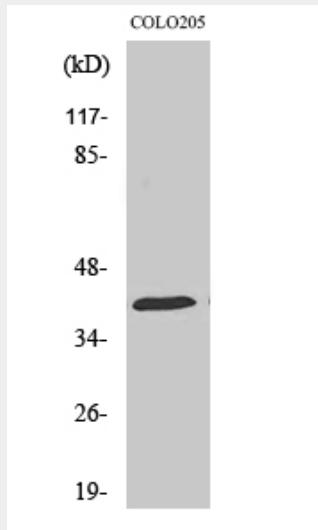
Cytoplasm. Nucleus. Nucleus, nucleolus. Note=Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock

## 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



Western Blot analysis of various cells using HSP40 Polyclonal Antibody

## HSP40 Polyclonal Antibody - Background

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