

### **HSP40 Polyclonal Antibody**

**Catalog # AP70437** 

#### **Specification**

### **HSP40 Polyclonal Antibody - Product Information**

Application Primary Accession Reactivity Host WB, IHC-P, IF
P25685
Human, Mouse, Rat
Rabbit
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

Clonality

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

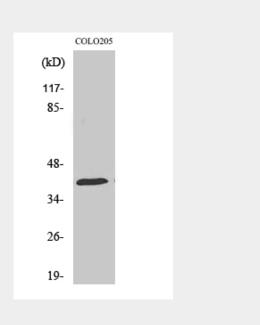


# **HSP40 Polyclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **HSP40 Polyclonal Antibody - Images**



# **HSP40 Polyclonal Antibody - Background**

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