

## ARG55588 anti-Hsp 40 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Hsp 40
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Hsp 40
Species	Human
Immunogen	Recombinant protein encoding full length of Human HSP40.
Conjugation	Un-conjugated
Alternate Names	Hsp40; HSP40; DnaJ protein homolog 1; hDj-1; HSPF1; Human DnaJ protein 1; Hdj1; RSPH16B; Heat shock 40 kDa protein 1; DnaJ homolog subfamily B member 1; Heat shock protein 40; Sis1

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

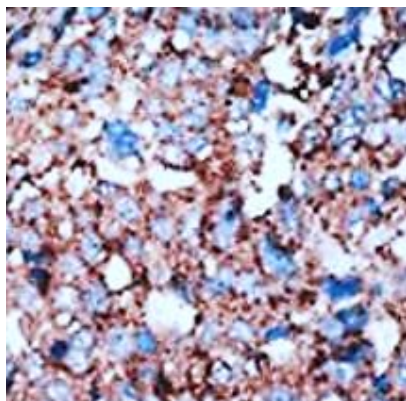
### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

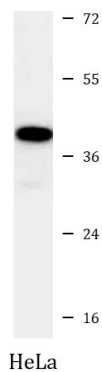
Database links	<a href="#">GeneID: 3337 Human</a> <a href="#">GeneID: 81489 Mouse</a> <a href="#">Swiss-port # P25685 Human</a> <a href="#">Swiss-port # Q9QYJ3 Mouse</a>
Gene Symbol	DNAJB1
Gene Full Name	DnaJ (Hsp40) homolog, subfamily B, member 1
Background	This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of 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. [provided by RefSeq, Sep 2015]
Function	Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	38 kDa
Cellular Localization	Cytoplasm. Nucleus. Nucleus, nucleolus. Note=Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock

## Images



ARG55588 anti-Hsp 40 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human breast carcinoma tissue stained with ARG55588 anti-Hsp 40 antibody.



ARG55588 anti-Hsp 40 antibody WB image

Western blot: 35 µg of HeLa cell lysate stained with ARG55588 anti-Hsp 40 antibody.