

# HSP40 Polyclonal Antibody

Cat No: HR1AP3694

For research use only

## Overview

Product Name	HSP40 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	45kDa
GeneID?Human?	DNAJB1
Human Swiss-Prot No.	
Cellular localization	
Alternative 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
Background	DnaJ heat shock protein family (Hsp40) member B1(DNAJB1) Homo sapiens 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 &#x201C;J-domain&#x201C; 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],