

## HSP40-4 Polyclonal Antibody

Cat No: HR1AP5003

For research use only

### Overview

Product Name	HSP40-4 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	44kDa
GeneID?Human?	DNAJA1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	DNAJA1; DNAJ2; HDJ2; HSJ2; HSPF4; DnaJ homolog subfamily A member 1; DnaJ protein homolog 2; HSDJ; Heat shock 40 kDa protein 4; Heat shock protein J2; HSJ-2; Human DnaJ protein 2; hDj-2
Background	DnaJ heat shock protein family (Hsp40) member A1(DNAJA1) Homo sapiens This gene encodes a member of the DnaJ family of proteins, which act as heat shock protein 70 cochaperones. Heat shock proteins facilitate protein folding, trafficking, prevention of aggregation, and proteolytic degradation. Members of this family are characterized by a highly conserved N-terminal J domain, a glycine/phenylalanine-rich region, four CxxCxGxG zinc finger repeats, and a C-terminal substrate-binding domain. The J domain mediates the interaction with heat shock protein 70 to recruit substrates and regulate ATP hydrolysis activity. In humans, this gene has been implicated in positive regulation of virus replication through co-option by the influenza A virus. Several pseudogenes of this gene are found on other chromosomes. [provided by RefSeq, Sep 2015],