

## DNAJA1 Rabbit Polyclonal Antibody

Catalog No: #53266

Package Size: #53266-1 50ul #53266-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

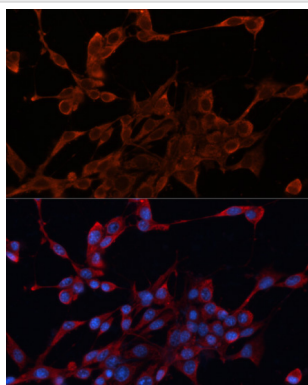
## Description

Product Name	DNAJA1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DNAJA1 (NP_001530.1).
Other Names	DNAJA1;DJ-2;DJA1;HDJ2;HSDJ;HSJ-2;HSJ2;HSPF4;NEDD7;hDJ-2
Accession No.	Swiss Prot:P31689GenelD:3301
Uniprot	P31689
Calculated MW	37kDa/44kDa
SDS-PAGE MW	45kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

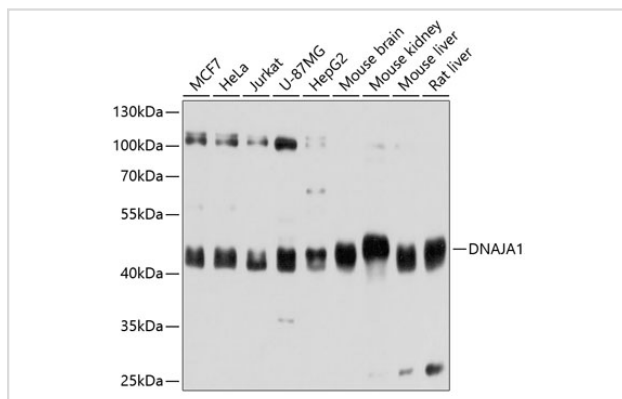
## Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

## Images



Immunofluorescence analysis of NIH/3T3 cells using DNAJA1 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using DNAJA1 at 1:3000 dilution.

## Background

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 CxxCxCxG 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.

Note: This product is for in vitro research use only