

Datasheet for ABIN6139693
anti-DNAJA1 antibody (AA 178-397)



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2 Images

Overview

Quantity:	100 µL
Target:	DNAJA1
Binding Specificity:	AA 178-397
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 178-397 of human DNAJA1 (NP_001530.1).
Sequence:	MECQGHGERI SPKDRCKSCN GRKIVREKKI LEVHIDKGMK DGQKITFHGE GDQEPGLEPG DIIIVLDQKD HAVFTRRGED LFMCMDIQLV EALCGFQKPI STLDNRTIVI TSHPGQIVKH GDIKCVLNEG MPIYRRPYEK GRLIIEFKVN FPENGLSPD KLSLLEKLLP ERKEVEETDE MDQVELVDFD PNQERRRHYN GEAYEDDEHH PRGGVQCQTS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

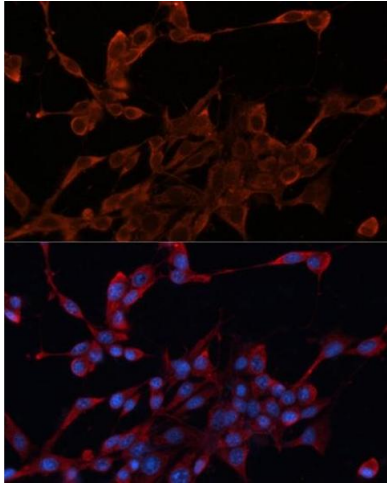
Target:	DNAJA1
Alternative Name:	DNAJA1 (DNAJA1 Products)
Background:	<p>This gene encodes a member of the DnaJ family of proteins, which act as heat shock protein 70 cochaperones. Heat shock proteins facilitate protein folding, trafficking, prevention of aggregation, and proteolytic degradation. Members 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.,DNAJA1,DJ-2,DJA1,HDJ2,HSDJ,HSJ-2,HSJ2,HSPF4,NEDD7,hDJ-2,Signal Transduction,DNAJA1</p>
Molecular Weight:	37 kDa/44 kDa
Gene ID:	3301
UniProt:	P31689
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

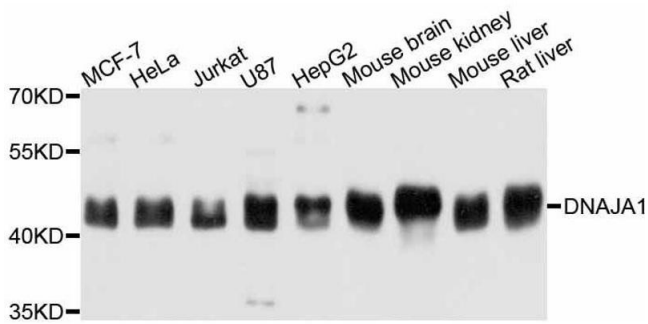
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

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



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DNAJA1 antibody.