

Rabbit DNAJA1 Polyclonal Antibody | anti-DNAJA1 antibody

DNAJA1 Polyclonal Antibody

CATALOG # AAA167502	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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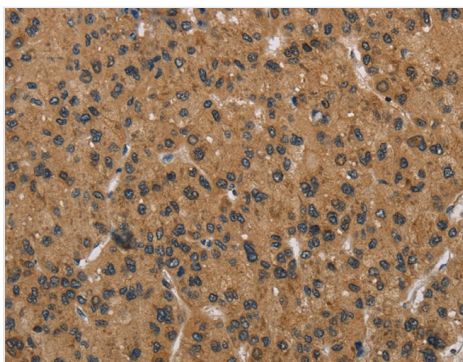
PRODUCT SYNONYMS

DNAJA1; Polyclonal Antibody; DNAJA1 Polyclonal Antibody; DJ-2; DjA1; HDJ2; HSDJ; HSJ2; HSPF4; NEDD7; hDJ-2; anti-DNAJA1 antibody

PRODUCT SPECIFICATIONS

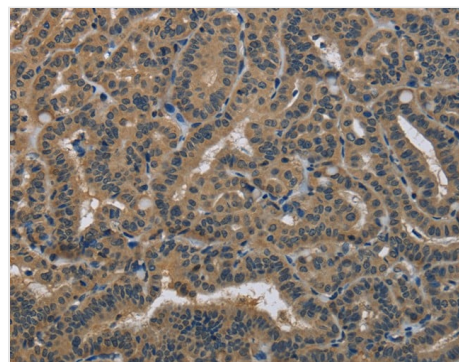
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/mL (varies by lot)
Sequence Length	397
Applicable Applications for anti-DNAJA1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human DNAJA1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



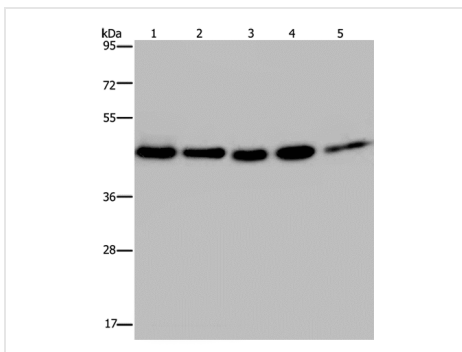
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human liver cancer using DNAJA1 Polyclonal Antibody at dilution of 1:30



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using DNAJA1 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)
Western Blot analysis of 231, A431, Raji, Jurkat and HepG2 cell using DNAJA1 Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJA1 antibody	DnaJ-like proteins interact with HSP 70 molecular chaperones and function to facilitate protein folding and mitochondrial protein import. HSP 40-4, also known as HDJ2, is the human DnaJ homolog that functions as a co-chaperone with a cysteine-rich zinc finger domain. The cellular redox enzyme thioredoxin interacts with HSP 40-4, and oxidation and reduction reversibly regulate HSP 40-4 function in response to the changing redox states of the cell. The zinc finger domain of HSP 40-4 may act as a redox sensor of chaperone-mediated protein-folding machinery, since HSP 40-4 inactivation leads to the oxidation of cysteine thiols and a simultaneous release of coordinated zinc. Loss of the HSP 40-4 protein may be linked to severe defects in spermatogenesis that involve aberrant androgen signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504511
NCBI GeneID	3301
NCBI Accession #	NP_001530.1
NCBI GenBank Nucleotide #	NM_001539.2
Molecular Weight	37,045 Da
NCBI Official Full Name	dnaJ homolog subfamily A member 1
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily A, member 1
NCBI Official Symbol	DNAJA1
NCBI Official Synonym Symbols	DJ-2; DjA1; HDJ2; HSDJ; HSJ2; HSPF4; NEDD7; hDJ-2
NCBI Protein Information	dnaJ homolog subfamily A member 1; HSJ-2; dnaJ protein homolog 2; heat shock 40 kDa protein 4; heat shock protein J2; heat shock protein, DNAJ-like 2; human DnaJ protein 2; neural precursor cell expressed, developmentally down-regulated 7
UniProt Protein Name	DnaJ homolog subfamily A member 1
UniProt Gene Name	DNAJA1
UniProt Synonym Gene Names	DNAJ2; HDJ2; HSJ2; HSPF4; HSJ-2; hDj-2
UniProt Entry Name	DNJA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.