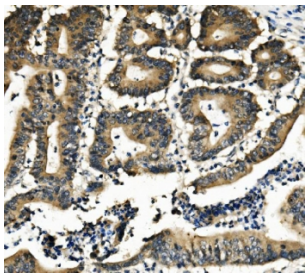
DNAJA2 Antibody (RQ5972)

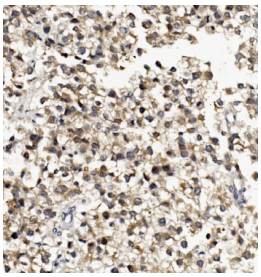
Catalog No.	Formulation	Size
RQ5972	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

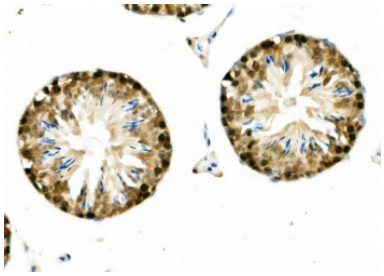
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O60884
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This DNAJA2 antibody is available for research use only.



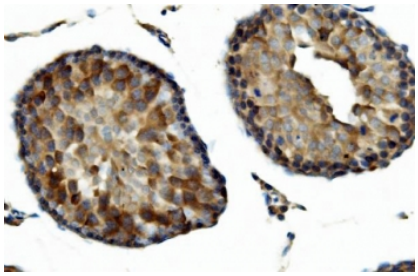
IHC staining of FFPE human rectal cancer with DNAJA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



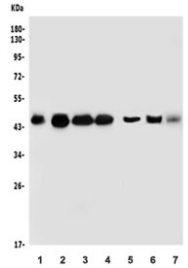
IHC staining of FFPE human testicular cancer with DNAJA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



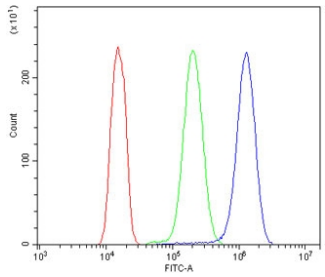
IHC staining of FFPE mouse testis with DNAJA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



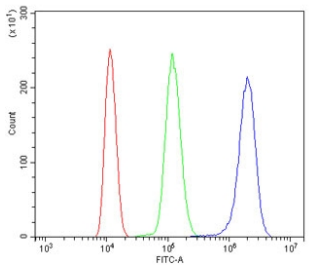
IHC staining of FFPE rat testis with DNAJA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



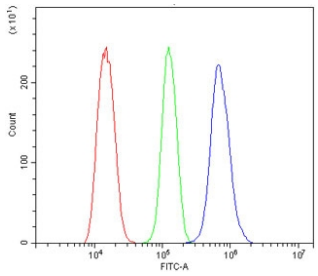
Western blot testing of human 1) Jurkat, 2) HepG2, 3) K562, 4) Raji, 5) rat kidney, 6) mouse testis and 7) mouse NIH 3T3 lysate with DNAJA2 antibody. Predicted molecular weight ~46 kDa.



Flow cytometry testing of human A431 cells with DNAJA2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DNAJA2 antibody.



Flow cytometry testing of mouse ANA-1 cells with DNAJA2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DNAJA2 antibody.



Flow cytometry testing of rat NRK cells with DNAJA2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DNAJA2 antibody.

Description

DnaJ homolog subfamily A member 2 is a protein that in humans is encoded by the DNAJA2 gene. It is mapped to 16q11.2. The protein encoded by this gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro.

Application Notes

Optimal dilution of the DNAJA2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-N140) was used as the immunogen for the DNAJA2 antibody.

Storage

After reconstitution, the DNAJA2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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