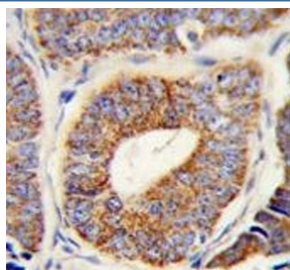


DNAJA1 Antibody / HDJ2 (F54837)

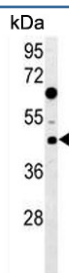
Catalog No.	Formulation	Size
F54837-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54837-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

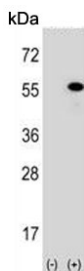
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P31689
Localization	Cytoplasmic, nuclear
Applications	Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100 Western Blot : 1:500-1:1000
Limitations	This DNAJA1 antibody is available for research use only.



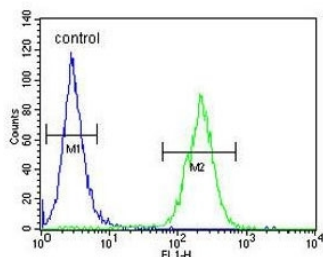
IHC testing of FFPE human prostate carcinoma tissue with DNAJA1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human MCF7 cell lysate with DNAJA1 antibody. Predicted molecular weight ~45 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with DNAJA1 antibody.



Flow cytometry testing of human MCF7 cells with DNAJA1 antibody; Blue=isotype control, Green= DNAJA1 antibody.

Description

DnaJ homolog subfamily A member 1 plays a role in protein transport into mitochondria via its role as co-chaperone. Functions as co-chaperone for HSPA1B and negatively regulates the translocation of BAX from the cytosol to mitochondria in response to cellular stress, thereby protecting cells against apoptosis. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the DNAJA1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 294-323 from the human protein was used as the immunogen for the DNAJA1 antibody.

Storage

Aliquot the DNAJA1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.