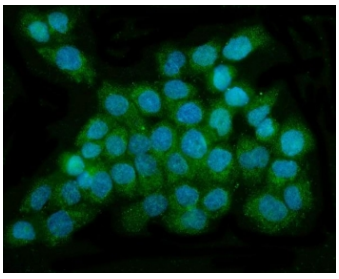
DNAJC6 Antibody (RQ6170)

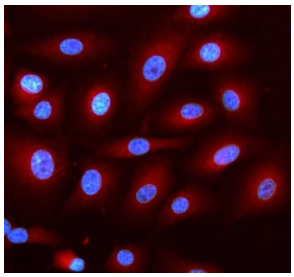
Catalog No.	Formulation	Size
RQ6170	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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
UniProt	O75061
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This DNAJC6 antibody is available for research use only.



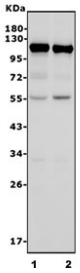
Immunofluorescent staining of FFPE human A431 cells with DNAJC6 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



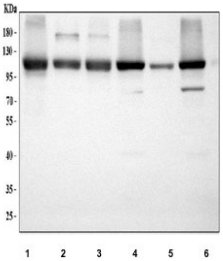
Immunofluorescent staining of FFPE human A549 cells with DNAJC6 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE rat brain tissue with DNAJC6 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat brain and 2) mouse brain lysate with DNAJC6 antibody. Predicted molecular weight ~120 kDa.



Western blot testing of 1) human HEL, 2) human K562, 3) human SH-SY5Y, 4) rat brain, 5) rat PC-12 and 6) mouse brain tissue lysate with DNAJC6 antibody. Predicted molecular weight ~120 kDa.

Description

Putative tyrosine-protein phosphatase auxilin is an enzyme that in humans is encoded by the DNAJC6 gene. DNAJC6 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 (Ohtsuka and Hata, 2000

Application Notes

Optimal dilution of the DNAJC6 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids R32-Y913) was used as the immunogen for the DNAJC6 antibody.

Storage

After reconstitution, the DNAJC6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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