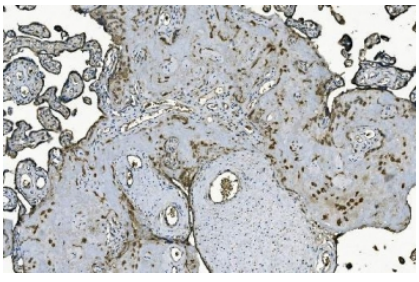
DNAJC10 Antibody (RQ6171)

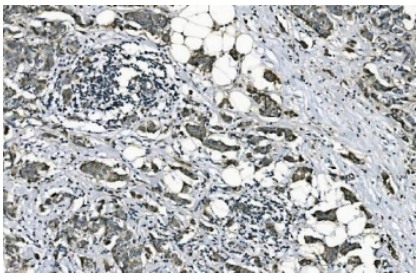
Catalog No.	Formulation	Size
RQ6171	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

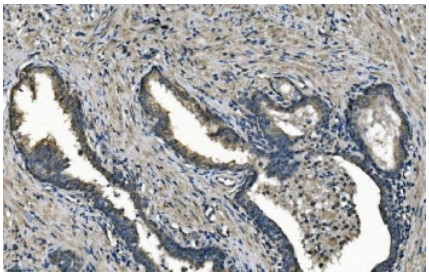
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8IXB1
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This DNAJC10 antibody is available for research use only.



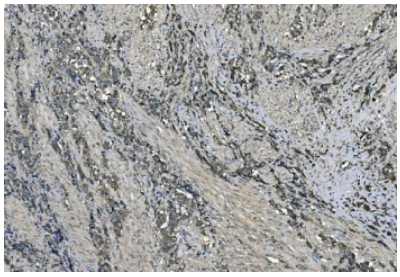
IHC staining of FFPE human placenta with DNAJC10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



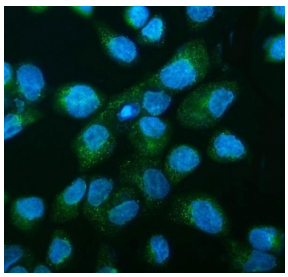
IHC staining of FFPE human breast cancer with DNAJC10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



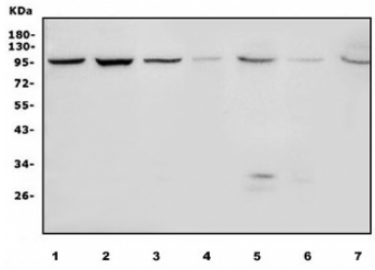
IHC staining of FFPE human prostate cancer with DNAJC10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



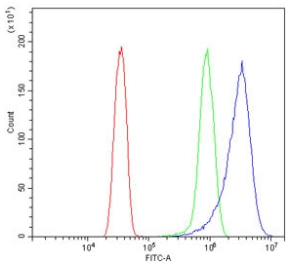
IHC staining of FFPE human gastric cancer with DNAJC10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human A431 cells with DNAJC10 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human HepG2, 3) human U-87 MG, 4) rat stomach, 5) rat RH35, 6) mouse stomach and 7) mouse HEPA1-6 lysate with DNAJC10 antibody. Predicted molecular weight ~91 kDa.



Flow cytometry testing of human HeLa cells with DNAJC10 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DNAJC10 antibody.

Description

DnaJ homolog subfamily C member 10 is a protein that in humans is encoded by the DNAJC10 gene. This gene encodes an endoplasmic reticulum co-chaperone which is part of the endoplasmic reticulum-associated degradation complex involved in recognizing and degrading misfolded proteins. The encoded protein reduces incorrect disulfide bonds in misfolded glycoproteins. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Application Notes

Optimal dilution of the DNAJC10 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids D33-L793) was used as the immunogen for the DNAJC10 antibody.

Storage

After reconstitution, the DNAJC10 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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