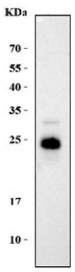
DNAJC5 Antibody / DnaJ homolog subfamily C member 5 (RQ8614)

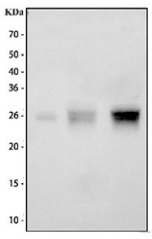
Catalog No.	Formulation	Size
RQ8614	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9H3Z4
Applications	Western blot: 0.5-1ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This DNAJC5 antibody is available for research use only.



Western blot testing of mouse brain tissue lysate with DNAJC5 antibody. Predicted molecular weight ~22 kDa.



Western blot testing of 1) human Caco-2, 2) mouse brain and 3) rat brain tissue lysate with DNAJC5 antibody. Predicted molecular weight: ~19 kDa, ~22 kDa (two isoforms).

Description

DnaJ homolog subfamily C member 5, also known as cysteine string protein or CSP is a protein, that in humans encoded by the DNAJC5 gene. This gene is a member of the J protein family. J proteins function in many cellular processes by regulating the ATPase activity of 70 kDa heat shock proteins. The encoded protein plays a role in membrane trafficking and protein folding, and has been shown to have anti-neurodegenerative properties. The encoded protein is known to play a role in cystic fibrosis and Huntington's disease. A pseudogene of this gene is located on the short arm of chromosome 8.

Application Notes

Optimal dilution of the DNAJC5 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids A2-N198) was used as the immunogen for the DNAJC5 antibody.

Storage

After reconstitution, the DNAJC5 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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