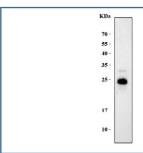


DNAJC5 Antibody / DnaJ homolog subfamily C member 5 (RQ8614)

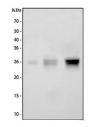
Catalog No.	Formulation	Size
RQ8614	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
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 \sim 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.