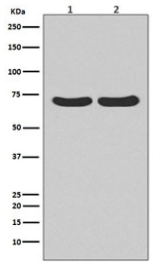
HSPA8 Antibody / HSC70 [clone DBB-8] (RQ5351)

Catalog No.	Formulation	Size
RQ5351	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	DBB-8
Purity	Affinity purified
UniProt	P11142
Applications	Western blot: 1:500-1:2000
Limitations	This HSPA8 antibody is available for research use only.



Western blot testing of 1) human HeLa and 2) rat C6 cell lysate with HSPA8 antibody. Predicted molecular weight ~71 kDa, routinely observed at 70-73 kDa.

Description

The HSPA8 gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [RefSeq]

Application Notes

Optimal dilution of the HSPA8 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human HSC70 / HSPA8 was used as the immunogen for the HSPA8 antibody.

Storage

Store the HSPA8 antibody at -20oC.

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