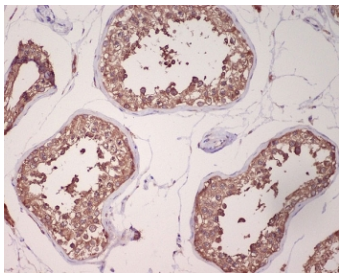
GRP78 BiP Antibody / HSPA5 [clone AII-8] (RQ5349)

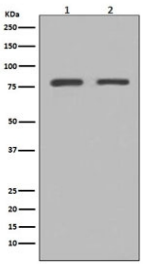
Catalog No.	Formulation	Size
RQ5349	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AII-8
Purity	Affinity purified
UniProt	P11021
Localization	Cytoplasmic
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:50-1:200
Limitations	This GRP78 BiP antibody is available for research use only.



IHC staining of FFPE human testis tissue with GRP78 BiP antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Western blot testing of 1) human HeLa and 2) mouse C6 cell lysate with GRP78 BiP antibody. Predicted molecular weight: ~73 kDa, but routinely observed at 70-78 kDa.

Description

The protein encoded by the HSPA5 gene is a member of the heat shock protein 70 (HSP70) family. It is localized in the lumen of the endoplasmic reticulum (ER), and is involved in the folding and assembly of proteins in the ER. As this protein interacts with many ER proteins, it may play a key role in monitoring protein transport through the cell. [RefSeq]

For additional antibodies targeting HSPA5, including products validated across multiple species and applications, visit our GRP78 Antibody page for endoplasmic reticulum stress and protein-folding research.

Application Notes

Optimal dilution of the GRP78 BiP antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human GRP78 / BiP / HSPA5 was used as the immunogen for the GRP78 BiP antibody.

Storage

Store the GRP78 BiP antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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