

Product Datasheet

GRP78/HSPA5 Antibody - BSA Free NBP2-16749

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-16749

Updated 2/23/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-16749



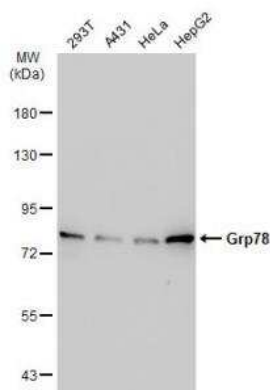
NBP2-16749

GRP78/HSPA5 Antibody - BSA Free

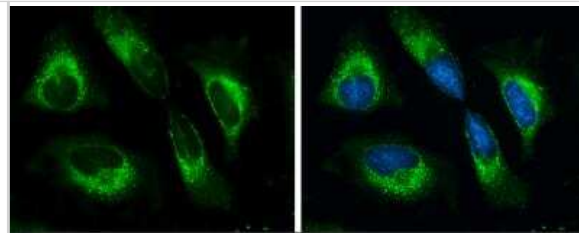
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	72 kDa
Product Description	
Host	Rabbit
Gene ID	3309
Gene Symbol	HSPA5
Species	Human, Mouse, Rat, Chicken
Reactivity Notes	Japanese Medaka (95%), Xenopus laevis (99%).
Marker	ER Stress Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human GRP78/HSPA5. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:5000-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

Western Blot: GRP78/HSPA5 Antibody [NBP2-16749] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Grp78 antibody diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



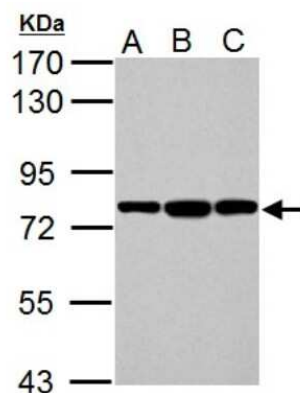
Immunocytochemistry/Immunofluorescence: GRP78/HSPA5 Antibody [NBP2-16749] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: Grp78 protein stained by Grp78 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



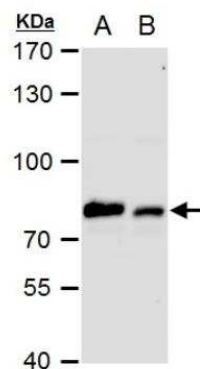
Immunohistochemistry-Paraffin: GRP78/HSPA5 Antibody [NBP2-16749] - Rat duodenum. Grp78 stained by Grp78 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



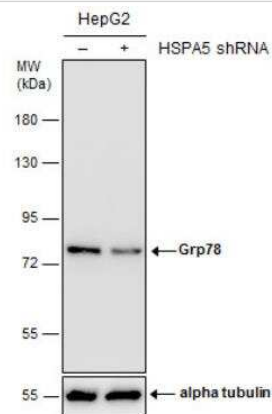
Western Blot: GRP78 Antibody [NBP2-16749] - Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC C: BCL-1 7. 5% SDS PAGE gel, diluted at 1:10000.



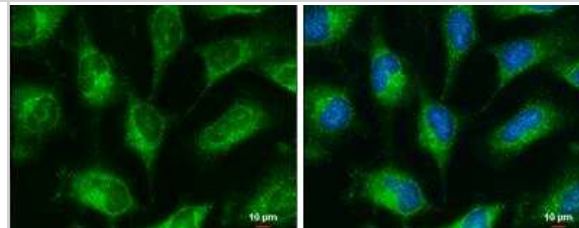
Western Blot: GRP78/HSPA5 Antibody [NBP2-16749] - A. 30 ug PC-12 whole cell extract B. 30 ug Rat2 whole cell extract 7.5% SDS-PAGE Grp78 antibody dilution: 1:10000 The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



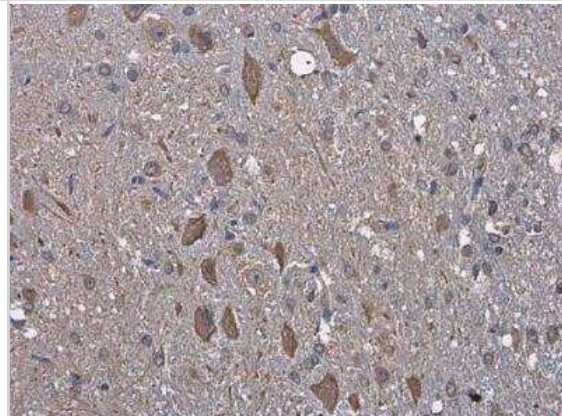
Western Blot: GRP78/HSPA5 Antibody [NBP2-16749] - Non-transfected (-) and transfected (+) HepG2 whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Grp78 antibody. HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



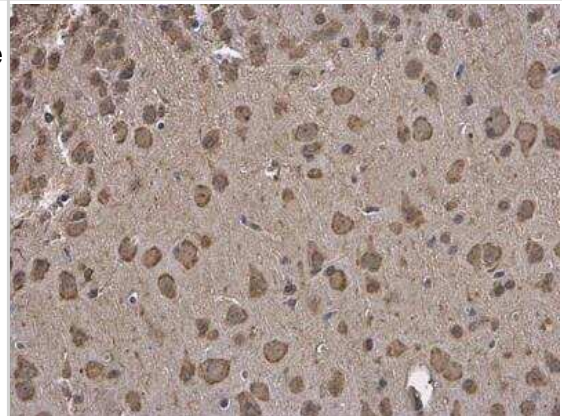
Immunocytochemistry/Immunofluorescence: GRP78/HSPA5 Antibody [NBP2-16749] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: Grp78 protein stained by Grp78 antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 um.



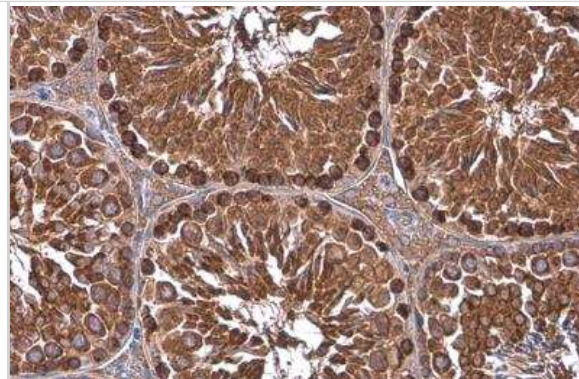
Immunohistochemistry-Paraffin: GRP78/HSPA5 Antibody [NBP2-16749] - Rat brain. Grp78 antibody diluted at 1:250. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



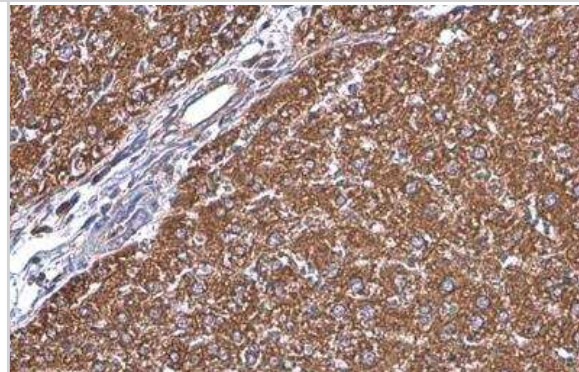
Immunohistochemistry-Paraffin: GRP78/HSPA5 Antibody [NBP2-16749] - Mouse brain. Grp78 antibody diluted at 1:250. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



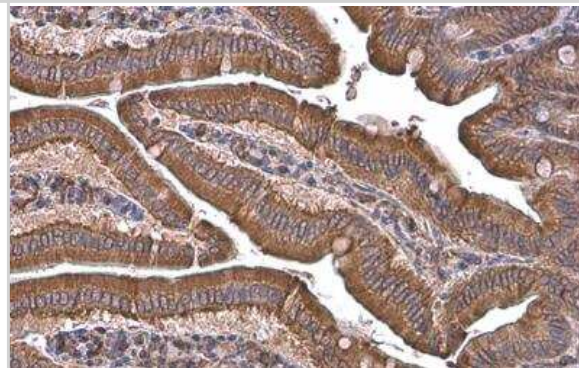
Immunohistochemistry-Paraffin: GRP78/HSPA5 Antibody [NBP2-16749]
 - Mouse testis. Grp78 stained by Grp78 antibody diluted at 1:500.
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



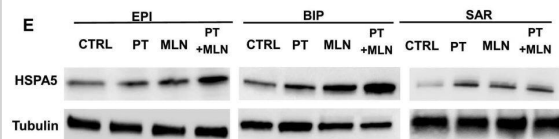
Immunohistochemistry-Paraffin: GRP78/HSPA5 Antibody [NBP2-16749]
 - Rat liver. Grp78 stained by Grp78 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



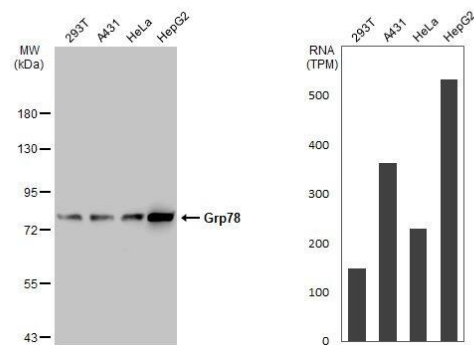
Immunohistochemistry-Paraffin: GRP78/HSPA5 Antibody [NBP2-16749]
 - Mouse intestine. Grp78 stained by Grp78 antibody diluted at 1:500.
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: GRP78/HSPA5 Antibody [NBP2-16749] - GRP78/HSPA5 proteins were measured by immunoblotting in epithelioid (EPI BAP1+ UPN7), biphasic (BIP BAP1- UPN16) and sarcomatous (BAP1+ UPN22) MPM cells. Tubulin was used as a loading control. The figure is representative of 1 out of 3 experiments with similar results. Image collected and cropped by CiteAb from the following publication ([//pubmed.ncbi.nlm.nih.gov/35197103/](https://pubmed.ncbi.nlm.nih.gov/35197103/)) licensed under a CC-BY license.



Western Blot: GRP78/HSPA5 Antibody [NBP2-16749] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Grp78 antibody diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



Publications

Salaroglio IC, Belisario DC, Bironzo P et al. SKP2 drives the sensitivity to neddylation inhibitors and cisplatin in malignant pleural mesothelioma *Journal of experimental & clinical cancer research* : CR 2022-02-23 [PMID: 35197103] (WB, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-16749

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003309-P01-10ug	Recombinant Human GRP78/HSPA5 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-16749

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

