

Product Datasheet

GRP78/HSPA5 Antibody - BSA Free NBP1-54318

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-54318

Updated 9/9/2025 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/NBP1-54318



NBP1-54318

GRP78/HSPA5 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 50% Glycerol

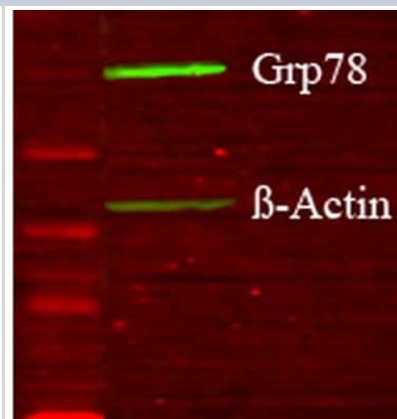
Product Description	
Description	Novus Biologicals Rabbit GRP78/HSPA5 Antibody - BSA Free (NBP1-54318) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-GRP78/HSPA5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3309
Gene Symbol	HSPA5
Species	Human, Mouse, Rat, Canine, Drosophila, Hamster
Marker	ER Stress Marker
Specificity/Sensitivity	Detects a protein with a mass of approx. 78kDa corresponding to Grp78.
Immunogen	Full length human GRP78 (Bip) his tagged at the N terminus

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	0.5 ug/ml of GRP78 (Bip) Antibody was sufficient for detection of Grp78 in 10 ug of rat tissue lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary Antibody.

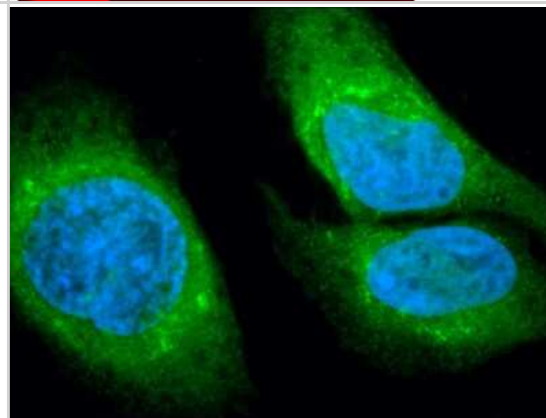


Images

Western Blot: GRP78/HSPA5 Antibody [NBP1-54318] - Western blot analysis of Human Glucose deprived glia cell lysates showing detection of GRP78/HSPA5 protein using Rabbit Anti-GRP78/HSPA5 Polyclonal Antibody (NBP1-54318). Primary Antibody: Rabbit Anti-GRP78/HSPA5 Polyclonal Antibody (NBP1-54318) at 1:1000.



Immunocytochemistry/Immunofluorescence: GRP78/HSPA5 Antibody [NBP1-54318] - Tissue: Heat Shocked HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-GRP78 (Bip) Polyclonal Antibody at 1:100 for 12 hours at 4C. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Endoplasmic reticulum lumen. Melanosome. Cytoplasm. Nucleus. Magnification: 100x. Heat Shocked at 42C for 1h.



Publications

Heymann C, Paul C, Huang N et al. Molecular insights into the axon guidance molecules Sidestep and Beaten path *Frontiers in Physiology* 2022-11-28 [PMID: 36518105] (Human)

Chu H, Chan CM, Zhang X et al. Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells *J. Biol. Chem.* 2018-06-10 [PMID: 29887526] (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 NBP1-54318

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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/NBP1-54318

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

