

Product Datasheet

RNF168 Antibody - BSA Free NBP1-76324

Unit Size: 0.1 mg

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

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NBP1-76324

RNF168 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	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

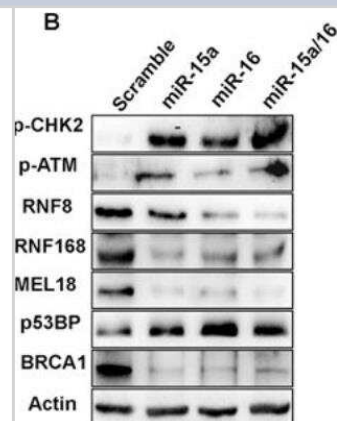
Product Description	
Description	Novus Biologicals Rabbit RNF168 Antibody - BSA Free (NBP1-76324) is a polyclonal antibody validated for use in WB and ELISA. Anti-RNF168 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	165918
Gene Symbol	RNF168
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%), Bovine (82%)
Immunogen	Antibody was raised against an 18 amino acid synthetic peptide from near the carboxy terminus of human RNF168. The immunogen is located within amino acids 440 - 490 of RNF168. Amino Acid Sequence: KEVDKEQMVPNRQKGSPD

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100-1:2000

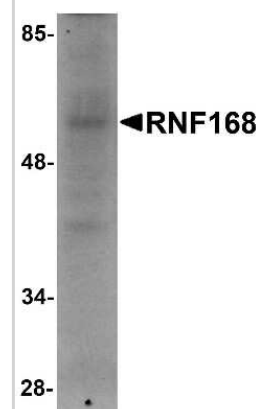


Images

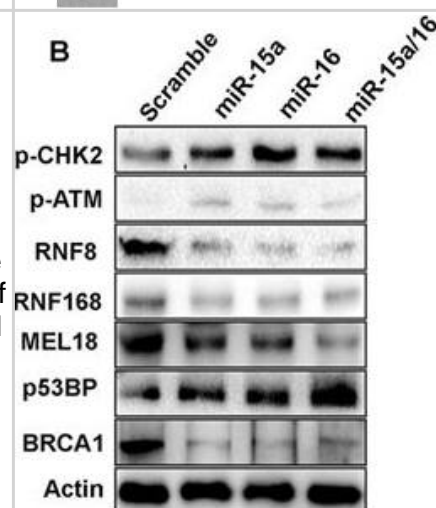
Western Blot: RNF168 Antibody - BSA Free [NBP1-76324] - RNF168 Antibody [NBP1-76324] - Western blot analysis showing the expression of BMI1, RING1A, RING1B, EZH2, gamma-H2AX, Ub-H2A, p-CHK2, p-ATM, RNF8, RNF168, MEL18, p53BP, BRCA1 proteins in MDAMB-231 cells transfected with miR-15a, miR-16 or both miR-15a/16 under etoposide-induced DNA damage conditions. Actin served as a gel loading control. Blots were cropped to enhance the representation. Image collected and cropped by CiteAb from the following publication (nature.com/articles/s41598-017-02800-2), licensed under a CC-BY license.



Western Blot: RNF168 Antibody - BSA Free [NBP1-76324] - RNF168 Antibody [NBP1-76324] - Human brain tissue lysate with RNF168 antibody at 1 ug/mL.



Western Blot: RNF168 Antibody - BSA Free [NBP1-76324] - Ectopic expression of miR-15a, miR-16 sensitizes breast cancer cells to DNA damage through BMI1 dependent ubiquitination pathway. Western blot analysis showing the expression of BMI1, RING1A, RING1B, EZH2, γ-H2AX, Ub-H2A, p-CHK2, p-ATM, RNF8, RNF168, MEL18, p53BP, BRCA1 proteins in MDAMB-231 cells transfected with miR-15a, miR-16 or both miR-15a/16 under etoposide-induced DNA damage conditions. Actin served as a gel loading control. Blots were cropped to enhance the representation (A,B). Immunofluorescence data showing accumulation of BMI1, γ-H2AX (C) RING1B (D) & Ub-H2A (E) p53BP (F) in MDAMB-231 cells transfected with miR-15a miR-16 or both miR-15a/16 under etoposide- treated conditions. Bar indicates 200 μm. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/28655885>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Patel N, Garikapati KR, Pandita RK et al. miR-15a/miR-16 down-regulates BMI1, impacting Ub-H2A mediated DNA repair and breast cancer cell sensitivity to doxorubicin Sci Rep 2017-06-27 [PMID: 28655885] (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 NBP1-76324

NBP1-76324PEP	RNF168 Antibody Blocking Peptide
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.

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