

Product Datasheet

RNF12 Antibody (1G10) - Azide and BSA Free H00051132-M01

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00051132-M01

Updated 2/21/2025 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/H00051132-M01



H00051132-M01

RNF12 Antibody (1G10) - Azide and BSA Free

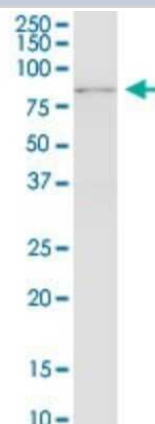
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Host	Mouse
Gene ID	51132
Gene Symbol	RLIM
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27788132).
Specificity/Sensitivity	RNF12 - ring finger protein 12
Immunogen	RNF12 (NP_057204, 1 a.a. ~ 83 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MENSDSNDKSGDQSAAQRRSQMDRLDREEAFYQFVNNLSEEDYRLMRDNN LLGTPGESTEEELLRLQIQIKEGPPPQNSDEN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

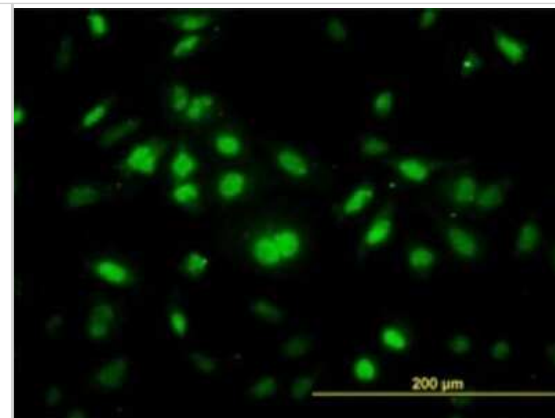
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

Images

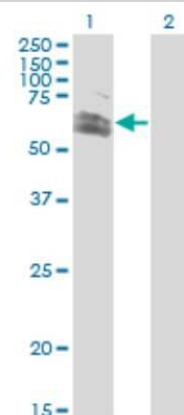
Western Blot: RNF12 Antibody (1G10) [H00051132-M01] - RNF12 monoclonal antibody (M01), clone 1G10. Analysis of RNF12 expression in Hela S3 NE.



Immunocytochemistry/Immunofluorescence: RNF12 Antibody (1G10) [H00051132-M01] - Analysis of monoclonal antibody to RNF12 on HeLa cell. Antibody concentration 30 ug/ml.



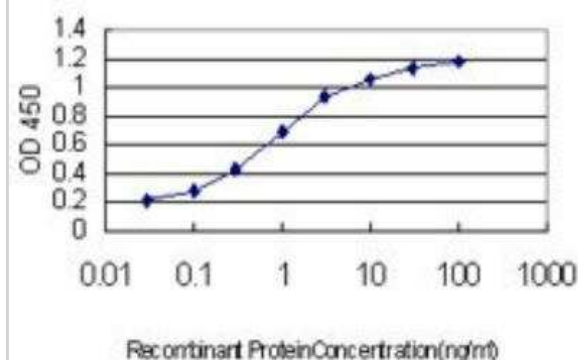
Western Blot: RNF12 Antibody (1G10) [H00051132-M01] - Analysis of RNF12 expression in transfected 293T cell line by RNF12 monoclonal antibody (M01), clone 1G10. Lane 1: RNF12 transfected lysate (Predicted MW: 68.5 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: RNF12 Antibody (1G10) [H00051132-M01] - Analysis of RNF12 transfected lysate using anti-RNF12 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with RNF12 MaxPab rabbit polyclonal antibody.



ELISA: RNF12 Antibody (1G10) [H00051132-M01] - Detection limit for recombinant GST tagged RNF12 is approximately 0.03ng/ml as a capture antibody.



Publications

Espejo-Serrano C, Aitken C, Tan BF et Al. Chromatin targeting of the RNF12/RLIM E3 ubiquitin ligase controls transcriptional responses Life Sci Alliance 2024-01-10 [PMID: 38199845]

Espejo-Serrano C, Aitken C, Tan B et al. Specific genomic targeting of the RNF12/RLIM E3 ubiquitin ligase selectively programmes developmental transcription bioRxiv 2023-06-14 (WB, Mouse)

Details:

1:1000 WB dilution

Bustos F, Segarra-Fas A, Nardocci G et al. Functional Diversification of SRSF Protein Kinase to Control Ubiquitin-Dependent Neurodevelopmental Signaling Dev Cell 2020-10-10 [PMID: 33080171] (WB, Human, Mouse)

Fukuda A, Mitani A, Miyashita T et al. Maintenance of Xist Imprinting Depends on Chromatin Condensation State and Rnf12 Dosage in Mice. PLoS Genet 2016-10-01 [PMID: 27788132] (Mouse)

Federici F, Magaraki A, Wassenaar E et al. Round Spermatid Injection Rescues Female Lethality of a Paternally Inherited Xist Deletion in Mouse. PLoS Genet 2016-10-07 [PMID: 27716834]

Gao R, Wang L, Cai H et al. E3 Ubiquitin Ligase RLIM Negatively Regulates c-Myc Transcriptional Activity and Restrains Cell Proliferation. PLoS One 2016-09-29 [PMID: 27684546]

Zhou F, Drabsch Y, Dekker TJ et al. Nuclear receptor NR4A1 promotes breast cancer invasion and metastasis by activating TGF- β signalling. Nat Commun. 2014-03-03 [PMID: 24584437]

Fukuda A, Tomikawa J, Miura T et al. The role of maternal-specific H3K9me3 modification in establishing imprinted X-chromosome inactivation and embryogenesis in mice. Nat Commun. 2014-10-02 [PMID: 25394724]





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 H00051132-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00051132-P01-10ug	Recombinant Human RNF12 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/H00051132-M01

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

