

Product Datasheet

Gemin 5 Antibody NB100-61049

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Publications: 9

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-61049

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/NB100-61049



NB100-61049

Gemin 5 Antibody

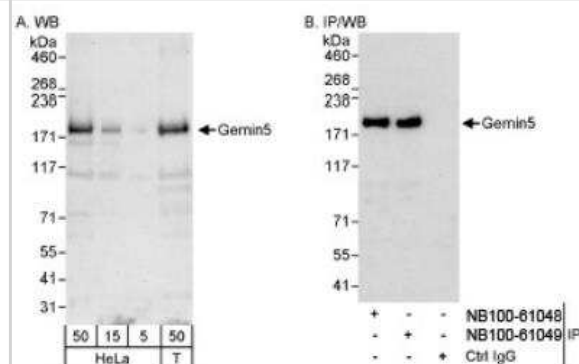
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA
Target Molecular Weight	169 kDa

Product Description	
Description	Novus Biologicals Rabbit Gemin 5 Antibody (NB100-61049) is a polyclonal antibody validated for use in WB and IP. Anti-Gemin 5 Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	25929
Gene Symbol	GEMIN5
Species	Human, Porcine, Bacteria, Golden Syrian Hamster
Reactivity Notes	Hamster and Porcine reactivity reported in (PMID: 22362733), Golden Syrian Hamster reported in (PMID: 23221641). Bacteria reactivity reported in scientific literature (PMID: 29771365).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1410 and 1438 of human gem (nuclear organelle) associated protein 5 using the numbering given in entry NP_056280.1 (GenelD 25929).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-5 ug/mg lysate

Images

Western Blot: Gemin 5 Antibody [NB100-61049] - Detection of Human Gemin5 on HeLa whole cell lysate using NB100-61049. Gemin5 was also immunoprecipitated by rabbit anti-Gemin5 antibody NB100-61048.



Publications

Francisco-Velilla R, Abellan S, Garcia-Martin JA et Al. Alternative splicing events driven by altered levels of GEMIN5 undergo translation RNA Biol 2024-08-28 [PMID: 39194147]

Francisco-Velilla R, Embarc-Buh A, Del CaNo-Ochoa F et al. Functional and structural deficiencies of Gemin5 variants associated with neurological disorders Life science alliance 2022-07-01 [PMID: 35393353] (WB, Human)

Moreno-Morcillo M, Francisco-Velilla R, Embarc-Buh A, et al. Structural basis for the dimerization of Gemin5 and its role in protein recruitment and translation control Nucleic Acids Res. 2019-12-04 [PMID: 31799608] (WB)

Francisco-Velilla R, Fernandez-Chamorro J, Dotu I, Martinez-Salas E. The landscape of the non-canonical RNA-binding site of Gemin5 unveils a feedback loop counteracting the negative effect on translation Nucleic Acids Res. 2018-05-16 [PMID: 29771365] (WB, Bacteria)

Lampe S, Kunze M, Scholz A et al. Identification of the TXNIP IRES and characterization of the impact of regulatory IRES trans-acting factors. Biochim Biophys Acta Gene Regul Mech 2018-02-01 [PMID: 29378331] (Human)

Francisco-Velilla R, Fernandez-Chamorro J, Ramajo J, Martinez-Salas E. The RNA-binding protein Gemin5 binds directly to the ribosome and regulates global translation. Nucleic Acids Res. 2016-08-09 [PMID: 27507887] (WB)

Fernandez-Chamorro J, Pineiro D, Gordon JM et al. Identification of novel non-canonical RNA-binding sites in Gemin5 involved in internal initiation of translation. Nucleic Acids Res. 2014-03-05 [PMID: 24598255] (WB)

Pineiro D, Fernandez N, Ramajo J, Martinez-Salas E. Gemin5 promotes IRES interaction and translation control through its C-terminal region Nucleic Acids Res 2012-12-05 [PMID: 23221641] (WB, Golden Syrian Hamster)

Pineiro D, Ramajo J, Bradrick SS, Martinez-Salas E. Gemin5 proteolysis reveals a novel motif to identify L protease targets. Nucleic Acids Res. 2012-02-22 [PMID: 22362733]





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 NB100-61049

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/NB100-61049

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

