

Product Datasheet

Gemin 4 Antibody NB110-40591

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB110-40591

Gemin 4 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	120 kDa

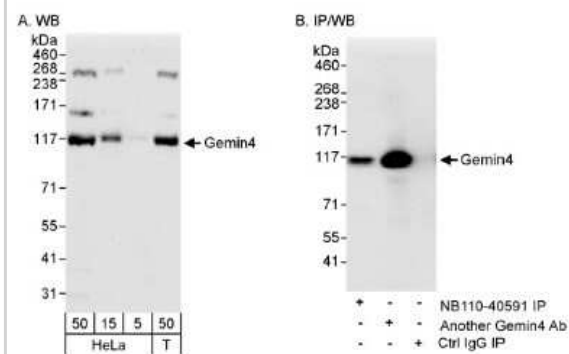
Product Description	
Host	Rabbit
Gene ID	50628
Gene Symbol	GEMIN4
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1010 and the C-terminus (residue 1058) fo human Gem (nuclear organelle) Associated Protein 4 using the numbering given in entry NP_056536.1 (GeneID 50628).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Use in ICC/IF reported in scientific literature (PMID:10.1038/s41467-021-22627-w) Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

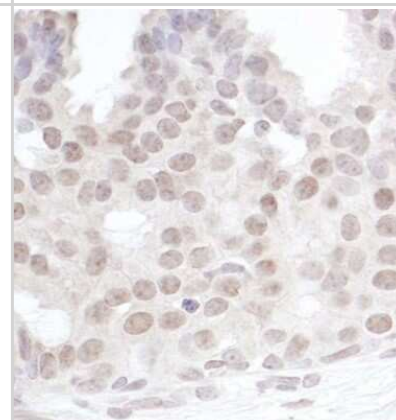


Images

Western Blot: Gemin 4 Antibody [NB110-40591] - Whole cell lysate from HeLa (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 mcg) cells. NB110-40591 used for WB at 0.04 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 3 mcg/mg lysate (B).



Immunohistochemistry-Paraffin: Gemin 4 Antibody [NB110-40591] - Human breast carcinoma. Antibody used at a dilution of 1:200.



Publications

Kour S, Rajan DS, Fortuna TR et al. Loss of function mutations in GEMIN5 cause a neurodevelopmental disorder Nature communications 2021-05-07 [PMID: 33963192] (ICC/IF, 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 NB110-40591

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-49534PEP	Gemin 4 Recombinant Protein Antigen

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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