

Product Datasheet

NUP205 Antibody - BSA Free NBP1-91247

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 6

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Updated 12/2/2025 v.20.1

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NBP1-91247

NUP205 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

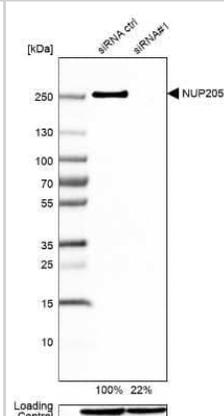
Product Description	
Description	Novus Biologicals Rabbit NUP205 Antibody - BSA Free (NBP1-91247) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NUP205 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23165
Gene Symbol	NUP205
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LDSIDFSQEIPEPLQLDFFDRAQIEQVIANCEHKNLRGQTVCNVKLLHRVLAEV NALQGMAAIGQRPLLMEIISTVLQYVVGRNKLLQCLHAKRHALES

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry, Immunocytochemistry/Immunofluorescence Reported in the scientific literature (PMID: 29196813), Immunohistochemistry-Paraffin Reported in the scientific literature (PMID: 29196813), Knockdown Validated

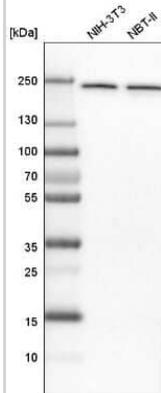


Images

Western Blot: NUP205 Antibody [NBP1-91247] - Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1, using anti-NUP205 antibody. Remaining relative intensity is presented. Loading control: anti-GAPDH.



Western Blot: NUP205 Antibody [NBP1-91247] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Chou CC, Zhang Y, Umoh ME et al. TDP-43 pathology disrupts nuclear pore complexes and nucleocytoplasmic transport in ALS/FTD *Nature Neuroscience* 2018-02-01 [PMID: 29311743]

Li Q, Ohta Y, Yamashita T, Shang J et al. Dynamic mislocalizations of nuclear pore complex proteins after focal cerebral ischemia in rat *J Neurosci Res* 2016-12-29 [PMID: 28029704]

McGoldrick P, Lau A, You Z et al. Loss of C9orf72 perturbs the Ran-GTPase gradient and nucleocytoplasmic transport, generating compositionally diverse Importin β -1 granules *Cell reports* 2023-02-22 [PMID: 36821445] (IHC-P, Mouse)

Saberi S, Stauffer JE, Jiang J et al. Sense-encoded poly-GR dipeptide repeat proteins correlate to neurodegeneration and uniquely co-localize with TDP-43 in dendrites of repeat-expanded C9orf72 amyotrophic lateral sclerosis *Acta Neuropathol.* [PMID: 29196813] (ICC/IF, IHC-P, Human)

Zhang K, Donnelly CJ, Haeusler AR et al. The C9orf72 repeat expansion disrupts nucleocytoplasmic transport. *Nature* 2015-09-03 [PMID: 26308891] (ICC/IF, Human)

Fujitomo T, Daigo Y, Matsuda K et al. Critical function for nuclear envelope protein TMEM209 in human pulmonary carcinogenesis. *Cancer Res* 2012-08-01 [PMID: 22719065]



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 NBP1-91247

NBP1-91247PEP	NUP205 Recombinant Protein Antigen
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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