Product Datasheet

Phosphoserine Antibody - BSA Free
NB100-1953

Unit Size: 0.4 ml

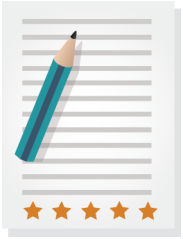
Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Reviews: 1 Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-1953

Updated 9/9/2025 v.20.1



NB100-1953

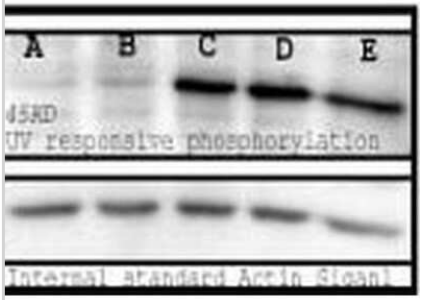
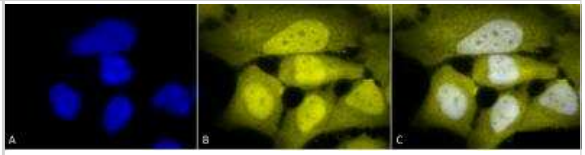
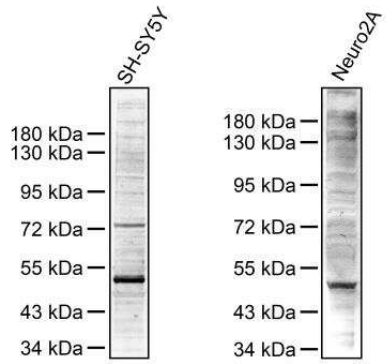
Phosphoserine Antibody - BSA Free

Product Information	
Unit Size	0.4 ml
Concentration	0.25 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01 mg Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS, 50% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Phosphoserine Antibody - BSA Free (NB100-1953) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-Phosphoserine Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Non-species specific
Specificity/Sensitivity	Recognizes proteins phosphorylated on serine residues. Does not cross-react with phosphotyrosine.
Immunogen	Phosphoserine conjugated to KLH, and phosvitin mixture

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA 1:250, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:50, Immunoprecipitation 1:100, Immunohistochemistry-Paraffin 1:10 - 1:500
Application Notes	Phosphoserine antibody validated for WB from a verified customer review.

Images

Western Blot: Phosphoserine Antibody [NB100-1953] - Western blot analysis of Mouse Spleen lysates showing detection of Phosphoserineprotein using Rabbit Anti-PhosphoserinePolyclonal Antibody (NB100-1953). Primary Antibody: Rabbit Anti-PhosphoserinePolyclonal Antibody (NB100-1953) at 1:1000. Bands are responsive to treatment with varying long UV wavelengths: A(0), B(50), C(200), D(400), and E (treated with 0.1uM okadaic acid).	
Immunocytochemistry/Immunofluorescence: Phosphoserine Antibody [NB100-1953] - Tissue: HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-Phosphoserine Polyclonal Antibody at 1:50 for 12 hours at 4 degrees C. Secondary Antibody: R-PE Goat Anti-Rabbit (yellow) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Cytoplasm. Nucleus. Magnification: 100x.	
Western Blot: Phosphoserine Antibody [NB100-1953] - ~30 ug SY5Y or N2A whole cell lysate separated on 8% PAGE, blotted and probed with phosphoserine antibody (1:125 in 3% BSA in TBST). Western blot image submitted by a verified customer review.	

Publications

Rao Y, Qin C, Savas AC, Liu Q et Al. Pyrimidine synthesis enzyme CTP synthetase 1 suppresses antiviral interferon induction by deamidating IRF3 Immunity 2024-12-25 [PMID: 39719712]

Caratti G, Desgeorges T, Juban G et al. Macrophagic AMPK alpha 1 orchestrates regenerative inflammation induced by glucocorticoids EMBO reports 2022-12-15 [PMID: 36520372] (IP, Mouse)

Alavi MV Tau phosphorylation and OPA1 proteolysis are unrelated events: Implications for Alzheimer's Disease Biochim Biophys Acta Mol Cell Res 2021-08-17 [PMID: 34400175] (WB, Human, Mouse)

Deng G, Nagai Y, Xiao Y et al. Pim-2 kinase influences Tregulatory cell function and stability by mediating Foxp3 N-terminal phosphorylation J Biol Chem (WB, Human)

Details:
This publication used the HRP conjugated form of this antibody (Cat# NB100-1981).

Deng G, Nagai Y, Xiao Y et al. Pim-2 kinase influences Tregulatory cell function and stability by mediating Foxp3 N-terminal phosphorylation J Biol Chem 2015-08-31 [PMID: 25987564] (WB, Human)

Details:
This citation used the HRP version of this antibody.

Meena RC, Thakur S, Nath S, Chakrabarti A. Tolerance to thermal and reductive stress in Saccharomyces cerevisiae is amenable to regulation by phosphorylation?dephosphorylation of Ubiquitin conjugating enzyme 1 (Ubc1) S97 and S115. Yeast 2011-10-15 [PMID: 21996927] (WB)

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 NB100-1953

NB820-59657	Mouse Brain Whole Tissue Lysate (Adult Whole Normal)
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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