

Product Datasheet

MeCP2 [p Ser421] Antibody - Azide Free NBP2-29524

Unit Size: 0.1 ml

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

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technical@novusbio.com

Publications: 1

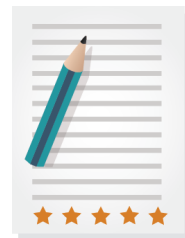
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NBP2-29524

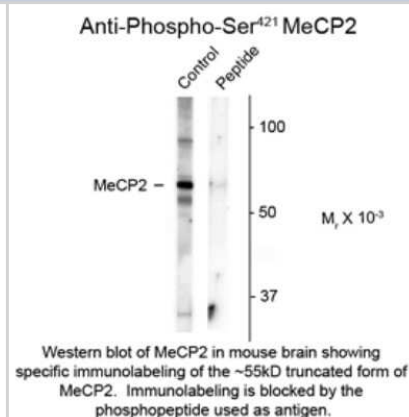
MeCP2 [p Ser421] Antibody - Azide Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	55 kDa
Product Description	
Description	Novus Biologicals Rabbit MeCP2 [p Ser421] Antibody - Azide Free (NBP2-29524) is a polyclonal antibody validated for use in WB. Anti-MeCP2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4204
Gene Symbol	MECP2
Species	Mouse, Rat
Marker	Nucleus Marker
Specificity/Sensitivity	Specific for the ~55 kDa truncated MeCP2 protein phosphorylated at Ser421. Immunolabeling of the MeCP2 band is blocked by preadsorption with the phospho-peptide used as antigen but not by the corresponding dephospho-peptide.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser421 conjugated to KLH. Accession # Q9Z2D6
Preparation Method	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho and dephosphopeptide affinity columns.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000



Images

Western Blot: MeCP2 [p Ser421] Antibody [NBP2-29524] - Western blot of mouse whole brain showing specific immunolabeling of the ~55k truncated MeCP2 protein phosphorylated at Ser421. Immunolabeling is greatly reduced by preadsorption with the phospho-peptide used as antigen (peptide), but not by the corresponding dephospho-peptide (not shown).



Publications

Poon CH, Liu Y, Pak S et al. Prelimbic Cortical Stimulation with L-methionine Enhances Cognition through Hippocampal DNA Methylation and Neuroplasticity Mechanisms Aging and disease 2023-02-01 [PMID: 36818556] (WB, Rat)

**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 NBP2-29524

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004204-Q01-10ug	Recombinant Human MeCP2 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.

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