

Product Datasheet

MeCP2 Antibody (4F11) - BSA Free NBP3-05541-100ul

Unit Size: 100 ul

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

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NBP3-05541-100ul

MeCP2 Antibody (4F11) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F11
Preservative	0.035% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol

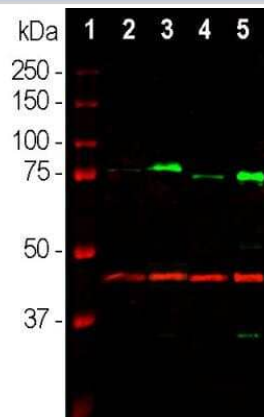
Product Description	
Host	Mouse
Gene ID	4204
Gene Symbol	MECP2
Species	Human, Mouse, Rat
Immunogen	Full length human recombinant MeCP2 expressed in and purified from E. coli.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000-10000, Immunohistochemistry 1:1000-5000, Immunocytochemistry/ Immunofluorescence 1:1000-1:5000

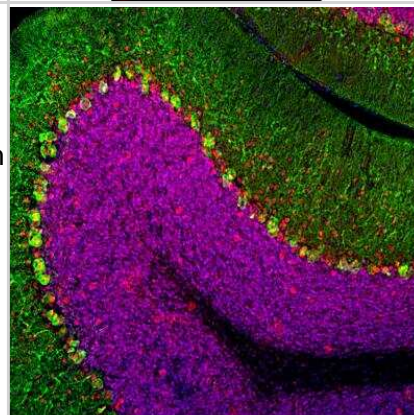


Images

Western Blot: MeCP2 Antibody [NBP3-05541] - Western blot analysis of tissue lysates using MeCP2 Antibody at a dilution of 1:1,000 in green: [1] protein standard (red), [2] rat whole brain, [3] nuclear fraction of rat brain, [4] mouse whole brain, [5] nuclear fraction of mouse brain lysate. Strong band at about 75kDa in rat and slightly lower in mouse nuclear enriched fractions corresponds to the MeCP2 protein. The same blot was simultaneously probed with chicken pAb to GAP-43 which detects GAP-43 protein in all preparations with apparent molecular weight of 43kDa.



Immunocytochemistry/Immunofluorescence: MeCP2 Antibody [NBP3-05541] - Immunofluorescent analysis of rat cerebellum section stained with MeCP2 Antibody at a dilution of 1:500 in red and costained with chicken pAb to calbindin at a dilution of 1:2,000, in green. The blue is DAPI staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 1 hour, cut to 45uM, and free-floating sections were stained with the above antibodies. The MeCP2 antibody specifically labels nuclei of neuronal cells to a variable degree, while calbindin is expressed in the dendrites and perikarya of Purkinje cells in the molecular layer of cerebellum.





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Products Related to NBP3-05541-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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