



<b>Catalog Number:</b>	RA22123	<b>Host:</b>	Rabbit
<b>Product Type:</b>	Polyclonal Affinity Purified Antibody	<b>Species Reactivity:</b>	Human, Rat, Mouse.
<b>Immunogen Sequence:</b>	Synthetic peptides from aa 471-486 of human MeCP2 HGNC name: MECP2.	<b>Format:</b>	Liquid, 100 ul aliquot Concentration: 1.0 mg/ml
<b>Applications:</b>	Immunofluorescence/Immunocytochemistry: 1:1000 Immunohistochemistry: 1:1000 Western Blot: 1:1,000-5,000		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

**Storage:** Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

### Application Notes

#### Description/Data:

Image: Mouse brain section, which was cut at 45µm on a vibratome after perfusion with 4% paraformaldehyde and overnight fixation, was stained with polyclonal antibody: RA22123. MeCP2 was mainly associated with methylated DNA in nucleus of neuron cells (green). Blue shows DAPI staining of nuclear DNA.

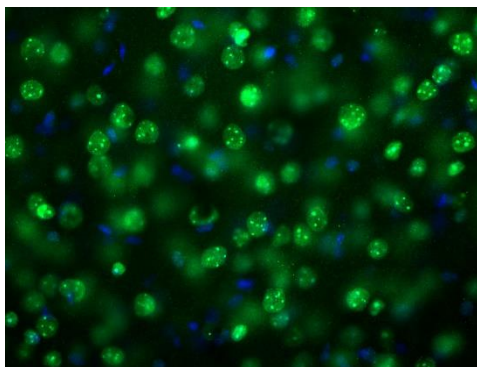


Image: Western blot analysis of MeCP2 expression in nuclear extracts from mouse brain with RA22123. This polyclonal antibody recognizes a strong and clear band at 75 kDa corresponding to total MeCP2 of mouse brain in SDS-PAGE, while molecular weight of MeCP2 protein is 54 kDa.



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