

Product Datasheet

MeCP2 Antibody NBP2-59229

Unit Size: 50 ug

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

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NBP2-59229

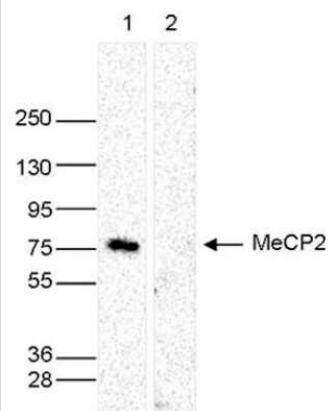
MeCP2 Antibody

Product Information	
Unit Size	50 ug
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	0.05% Sodium Azide and 0.05% ProClin 300
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	4204
Gene Symbol	MECP2
Species	Human
Immunogen	The exact immunogen is proprietary information.
Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:1000, Chromatin Immunoprecipitation 5 ug/IP, ELISA 1:1000, Knockdown Validated

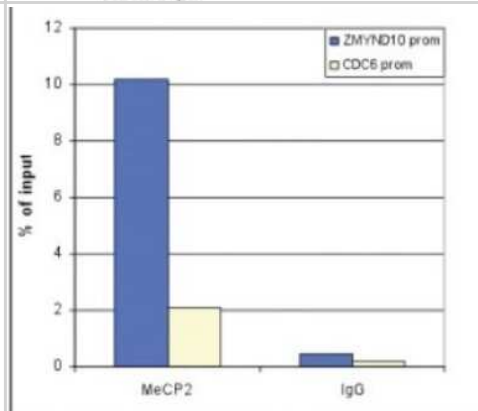


Images

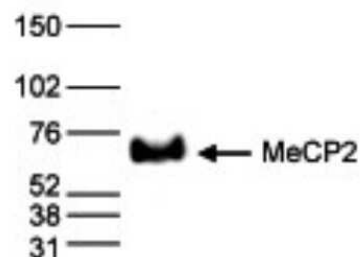
Western Blot: MeCP2 Antibody [NBP2-59229] - Whole cell extracts (40 ug) from HeLa cells transfected with MeCP2 siRNA (lane 2) and from an untransfected control (lane 1) were analysed by Western blot using the antibody against MeCP2 diluted 1:1,000 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest is indicated on the right; the marker (in kDa) is shown on the left.



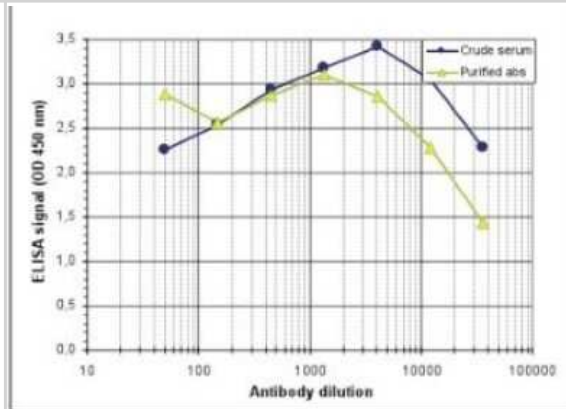
Chromatin Immunoprecipitation: MeCP2 Antibody [NBP2-59229] - ChIP assays were performed using human osteosarcoma (U2OS) cells, the antibody against MeCP2 and optimized PCR primer sets. Sheared chromatin from 1×10^6 cells and 5 ug of antibody were used per ChIP experiment. IgG (1 ug/IP) was used as a negative IP control. Quantitative PCR was performed with primers for the promoters of the ZMYND10 gene (used as a positive control) and CDC6 gene (used as a negative control). Figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



Western Blot: MeCP2 Antibody [NBP2-59229] - Nuclear extracts (40 ug) from HeLa cells were analysed by Western blot using the antibody against MeCP2 diluted 1:1,000 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest is indicated on the right; the marker (in kDa) is shown on the left.



ELISA: MeCP2 Antibody [NBP2-59229] - To determine the titer of the antibody, an ELISA was performed using a serial dilution of the antibody directed against MeCP2 and the crude serum. The plates were coated with the peptide used for immunization of the rabbit. By plotting the absorbance against the antibody dilution, the titer of the purified antibody was estimated to be: 1:32,900.





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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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