

# Anti-MECP2 Antibody

Rabbit Anti Human Polyclonal Antibody  
Catalog # ALS18280

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">P51608</a>
<b>Predicted</b>	Human, Mouse, Rat, Monkey, Chimpanzee, Bovine, Horse, Dog
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Calculated MW</b>	52441
<b>Concentration (mg/ml)</b>	1 mg/ml

## Additional Information

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<b>Gene ID</b>	4204
<b>Alias Symbol</b>	MECP2
<b>Other Names</b>	MECP2, AUTSX3, Methyl-CpG-binding protein 2, MRX16, MRX79, MRXSL, RTT, RTS, MeCp-2 protein, RS, MRXS13, PPMX
<b>Target/Specificity</b>	The antibody detects methyl CpG binding protein 2 (MeCP2) from human, mouse and rat cells and tissues. It has been successfully used in Western blot procedures. By Western blot, this antibody detects an ~56 kD protein representing MeCP2 from AtT20 ce ...
<b>Reconstitution &amp; Storage</b>	Immunoaffinity purified
<b>Precautions</b>	Anti-MECP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	MECP2
<b>Function</b>	Chromosomal protein that binds to methylated DNA. It can bind specifically to a single methyl-CpG pair. It is not influenced by sequences flanking the methyl-CpGs. Mediates transcriptional repression through interaction with histone deacetylase and the corepressor SIN3A. Binds both 5-methylcytosine (5mC) and 5-hydroxymethylcytosine (5hmC)- containing DNA, with a preference for 5-methylcytosine (5mC).
<b>Cellular Location</b>	Nucleus {ECO:0000250 UniProtKB:Q9Z2D6}. Note=Colocalized with methyl-CpG in the genome. Colocalized with TBL1X to the heterochromatin foci.

**Tissue Location**

Present in all adult somatic tissues tested.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.