10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-MECP2 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18280

Product Information

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

Additional Information

Gene ID	4204
Alias Symbol	MECP2
Other Names	MECP2, AUTSX3, Methyl-CpG-binding protein 2, MRX16, MRX79, MRXSL, RTT, RTS, MeCp-2 protein, RS, MRXS13, PPMX
Target/Specificity	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 ...
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MECP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MECP2
Function	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).
Cellular Location	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'.