MeCP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MeCP2, Polyclonal Antibody
Full Product Name	MeCP2 Antibody
Product Gene Name	anti-MeCP2 antibody
Product Synonym Names	AUTSX3; DKFZp686A24160; MeCp-2 protein; MECP2; methyl CpG binding protein 2 (Rett syndrome)
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Affinity purification using immunogen.
Specificity	MeCP2 rabbit polyclonal antibody detects endogenous MeCP2 proteins.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	486
Chromosome Location	Chromosome: X; NC_000023.10 (153287025..153363188, complement). Location: Xq28
OMIM	105830
3D Structure	ModBase 3D Structure for P51608
Product Categories/Family for anti-MeCP2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MeCP2 antibody	Western Blot (WB)
Application Notes for anti-MeCP2 antibody	WB: 1:2000~1:5000
Related Product Information for anti-MeCP2 antibody	Methyl-CpG-binding protein 2 (MeCP2), whose exact function is unclear. It appears to help regulate gene activity (expression) by modifying chromatin, the complex of DNA and protein that packages DNA into chromosomes. The MeCP2 protein usually regulates genes involved in brain function, even though this protein is found throughout the body.Within the brain, the MeCP2 protein is important for the function of nerve cells (neurons) and is present in high levels in mature neurons. This protein likely plays a role in maintaining connections (synapses) between neurons, where cell-to-cell communication occurs. Many of the genes that are known to be regulated by the MeCP2 protein play a role in normal brain function, particularly the maintenance of synapses
Other Notes	Small volumes of anti-MeCP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MeCP2 purchase	MBS8591326 is an antibody targeting MeCP2. Also known as MeCP2 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MeCP2. It may not necessarily be applicable to this product.

NCBI GI #	160707950
NCBI GeneID	4204
NCBI Accession #	NP_001104262.1
UniProt Primary Accession #	P51608
UniProt Secondary Accession #	O15233; Q6QHH9; Q7Z384
UniProt Related Accession #	P51608
GenBank Nucleotide #	NM_001110792.1
NCBI Official Full Name	methyl-CpG-binding protein 2 isoform 2
NCBI Official Synonym Full Names	methyl CpG binding protein 2 (Rett syndrome)
NCBI Official Symbol	MECP2
NCBI Official Synonym Symbols	RS; RTS; RTT; PPMX; MRX16; MRX79; MRXSL; AUTSX3; MRXS13
UniProt Protein Name	Methyl-CpG-binding protein 2
Protein Family	Methyl-CpG-binding protein
UniProt Gene Name	MECP2
UniProt Synonym Gene Names	MeCp-2 protein; MeCp2
UniProt Entry Name	MECP2_HUMAN
NCBI Protein Information	methyl-CpG-binding protein 2; meCp-2 protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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