

Immunotag™ MeCP2 Antibody

Antibody Specification	
Catalog No.	ITA2281
Product Description	Immunotag™ MeCP2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	MeCP2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human MeCP2
Specificity	MeCP2 Antibody detects endogenous levels of total MeCP2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	MECP2
Accession No.	P51608
Alternate Names	AUTSX 3; AUTSX3; DKFZp686A24160; Mbd 5; Mbd5; MECP 2; MeCP 2 protein; MeCP-2 protein; Mecp2; MECP2_HUMAN; Methyl CpG binding protein 2 (Rett syndrome); Methyl CpG binding protein 2; Methyl-CpG-binding protein 2; MRX 16; MRX 79; MRX16; MRX79; MRXS 13; MRXS13; MRXSL; PPMX; RS; RTS; RTT; WBP 10; WBP10;

Antibody Specification

Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	53 kDa.
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.