Immunotag™ MECP2 Antibody

Antibody Specification

Catalog No.	ITA2947
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,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
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 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;

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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	75 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.