



Anti-MBD2 (internal region) polyclonal antibody (DPAB-DC757)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	MBD2 (methyl-CpG binding domain protein 2) is a protein-coding gene. Diseases associated with MBD2 include klatskin's tumor, and bladder carcinoma, and among its related superpathways are Development NOTCH1-mediated pathway for NF-KB activity modulation and Macrophage Differentiation and Growth Inhibition by METS. GO annotations related to this gene include chromatin binding and mRNA binding. An important paralog of this gene is MBD3L4.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of mouse Mbd2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Size	100 µl
Buffer	In serum (0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Mbd2 methyl-CpG binding domain protein 2 [<i>Mus musculus</i> (house mouse)]
Official Symbol	MBD2
Synonyms	MBD2; methyl-CpG binding domain protein 2; MBD2a; methyl-CpG-binding domain protein 2; methyl-CpG-binding protein MBD2;
Entrez Gene ID	17191
Protein Refseq	NP_034903
UniProt ID	Q9Z2E1
Chromosome Location	18 E2; 18 44.54 cM
Pathway	Epigenetic regulation of gene expression; Negative epigenetic regulation of rRNA expression; PluriNetWork; RNA Polymerase I Promoter Opening
Function	C2H2 zinc finger domain binding; DNA binding; contributes_to RNA polymerase II core promoter proximal region sequence-specific DNA binding; contributes_to RNA polymerase II distal enhancer sequence-specific DNA binding