

**MBD2 (Methyl-CpG-Binding Protein 2) Anti-Human Rabbit IgG Affinity Purify
Polyclonal Antibody**

Cat.NO.: PA01302

3th Edition

Description: Methylation at CpG dinucleotides in genomic DNA is a fundamental epigenetic mechanism of gene expression control in vertebrates. Proteins with a methyl-CpG-binding domain (MBD) can bind to single methylated CpGs and most of them are involved in transcription control.

Antigen: Synthetic peptide of part of C terminal of human MBD2 (TEEMDIEMDSGDEA)

Form: Lyophilized product from 1% BSA in PBS containing 0.05% NaN₃

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Not cross-reacts with MBD3 (by western blotting)