

MBD3

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:2000

Calculated MW: 33kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human MBD3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

f

Catalog #: A2251

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 53615

Isotype: IgG

Swiss Prot: O95983

Purity: Affinity purification

For research use only.

Background:

DNA methylation is the major modification of eukaryotic genomes and plays an essential role in mammalian development. This gene belongs to a family of nuclear proteins which are characterized by the presence of a methyl-CpG binding domain (MBD). The encoded protein is a subunit of the NuRD, a multisubunit complex containing nucleosome remodeling and histone deacetylase activities. Unlike the other family members, the encoded protein is not capable of binding to methylated DNA. The protein mediates the association of metastasis-associated protein 2 with the core histone deacetylase complex. Alternative splicing results in multiple transcript variants of this gene.

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