

# MBD3 Rabbit Polyclonal Antibody



CAB2251

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

36kDa

### Calculated MW:

29kDa/32kDa

### Applications:

WB

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:200 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

53615

### Uniprot

O95983

### Synonyms:

MBD3

### Immunogen:

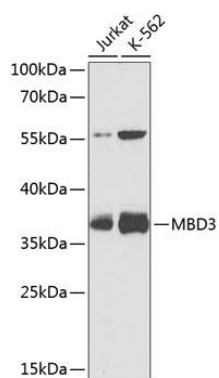
Recombinant fusion protein containing a sequence corresponding to amino acids 1-255 of human MBD3 (NP\_001268383.1).

### Storage:

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

## Product Images

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Western blot analysis of extracts of various cell lines, using MBD3 antibody (CAB2251) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.