

## Mbd3 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # Al11692

### **Specification**

### Mbd3 antibody - N-terminal region - Product Information

Application WB
Primary Accession Q9Z2D8

Other Accession
Reactivity

NM\_013595, NP\_038623
Human, Mouse, Rat, Dog

Predicted Mouse
Host Rabbit
Clonality Polyclonal
Calculated MW 32kDa KDa

### Mbd3 antibody - N-terminal region - Additional Information

**Gene ID 17192** 

Alias Symbol Al181826, AU019209

**Other Names** 

Methyl-CpG-binding domain protein 3, Methyl-CpG-binding protein MBD3, Mbd3

#### **Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

#### **Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-Mbd3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

## **Precautions**

Mbd3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Mbd3 antibody - N-terminal region - Protein Information

## Name Mbd3

### **Function**

Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (By similarity). Acts as transcriptional repressor and plays a role in gene silencing (By similarity). Does not bind methylated DNA by itself (PubMed:<a href="http://www.uniprot.org/citations/9774669" target="\_blank">9774669</a>). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides (By similarity). Recruits histone deacetylases and DNA methyltransferases (By similarity).

#### **Cellular Location**

Nucleus. Chromosome {ECO:0000250|UniProtKB:O95983} Note=Detected on chromatin, at



promoter regions of active genes (By similarity). Nuclear, in discrete foci (PubMed:9774669) {ECO:0000250|UniProtKB:O95983, ECO:0000269|PubMed:9774669}

#### **Tissue Location**

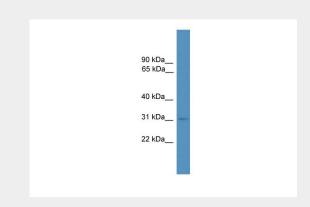
Highly expressed in brain, heart, kidney, liver, lung, skeletal muscle, spleen and testis. Detected at lower levels in embryonic stem cells.

# Mbd3 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Mbd3 antibody - N-terminal region - Images



WB Suggested Anti-Mbd3 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: Mouse Heart