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# Anti-MBD3 Antibody
**Rabbit Anti Human Polyclonal Antibody**
**Catalog # ALS18593**

## Specification

### Anti-MBD3 Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC-P** |
| Primary Accession | O95983 |
| Predicted | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **IgG** |
| Calculated MW | **32844** |

### Anti-MBD3 Antibody - Additional Information

**Gene ID** 53615

| | |
|---|---|
| Alias Symbol | **MBD3** |

**Other Names**
MBD3

**Target/Specificity**
Human MBD3

**Reconstitution & Storage**
Affinity purified

**Precautions**
Anti-MBD3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Anti-MBD3 Antibody - Protein Information

**Name** MBD3

**Function**
Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:<a href="http://www.uniprot.org/citations/16428440" target="_blank">16428440</a>, PubMed:<a href="http://www.uniprot.org/citations/12124384" target="_blank">12124384</a>, PubMed:<a href="http://www.uniprot.org/citations/16428440" target="_blank">16428440</a>, PubMed:<a href="http://www.uniprot.org/citations/28977666" target="_blank">28977666</a>). Acts as transcriptional repressor and plays a role in gene silencing (PubMed:<a href="http://www.uniprot.org/citations/10947852" target="_blank">10947852</a>, PubMed:<a href="http://www.uniprot.org/citations/18644863" target="_blank">18644863</a>). Does not bind to methylated DNA by itself (PubMed:<a href="http://www.uniprot.org/citations/12124384" target="_blank">12124384</a>, PubMed:<a href="http://www.uniprot.org/citations/16428440" target="_blank">16428440</a>). Binds to a

lesser degree DNA containing unmethylated CpG dinucleotides (PubMed:<a href="http://www.uniprot.org/citations/24307175" target="_blank">24307175</a>). Recruits histone deacetylases and DNA methyltransferases.

**Cellular Location**
Nucleus. Chromosome. Note=Nuclear, in discrete foci. Detected on chromatin, at promoter regions of active genes

## Anti-MBD3 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-MBD3 Antibody - Images