

**MBD3 Rabbit mAb**  
Catalog # AP77923**Specification**

---

**MBD3 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O95983</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>32844</b>

**MBD3 Rabbit mAb - Additional Information**

Gene ID 53615

**Other Names**

MBD3

**Dilution**

WB~~1/500-1/1000

**Format**

Liquid

**MBD3 Rabbit mAb - Protein Information**

Name MBD3

**Function**

Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed: [12124384](http://www.uniprot.org/citations/12124384), PubMed: [16428440](http://www.uniprot.org/citations/16428440), PubMed: [28977666](http://www.uniprot.org/citations/28977666)). Acts as transcriptional repressor and plays a role in gene silencing (PubMed: [10947852](http://www.uniprot.org/citations/10947852), PubMed: [18644863](http://www.uniprot.org/citations/18644863)). Does not bind to methylated DNA by itself (PubMed: [12124384](http://www.uniprot.org/citations/12124384), PubMed: [16428440](http://www.uniprot.org/citations/16428440)). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides (PubMed: [24307175](http://www.uniprot.org/citations/24307175)). Recruits histone deacetylases and DNA methyltransferases.

**Cellular Location**

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

## MBD3 Rabbit mAb - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## MBD3 Rabbit mAb - Images

