

Anti-MBD3 Antibody (aa1-290, clone ABM14A8)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17383

Specification

Anti-MBD3 Antibody (aa1-290, clone ABM14A8) - Product Information

Application	WB, IHC, IHC-P, FC
Primary Accession	O95983
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	32844

Anti-MBD3 Antibody (aa1-290, clone ABM14A8) - Additional Information

Gene ID 53615

Alias Symbol	MBD3
Other Names	
MBD3	

Reconstitution & Storage

PBS, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Precautions

Anti-MBD3 Antibody (aa1-290, clone ABM14A8) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-MBD3 Antibody (aa1-290, clone ABM14A8) - 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

Anti-MBD3 Antibody (aa1-290, clone ABM14A8) - 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](#)

Anti-MBD3 Antibody (aa1-290, clone ABM14A8) - Images