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

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17383

Product Information

Application	WB, IHC, IHC-P, FC
Primary Accession	O95983
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	ABM14A8
Calculated MW	32844
Concentration (mg/ml)	0.5 mg/ml

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.

Protein Information

Name	MBD3
Function	Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:12124384, PubMed:16428440, PubMed:28977666). Acts as transcriptional repressor and plays a role in gene silencing (PubMed:10947852, PubMed:18644863). Does not bind to methylated DNA by itself (PubMed:12124384, PubMed:16428440). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides (PubMed: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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.