

MBD3 Rabbit mAb

Catalog # AP77923

Product Information

Application	WB, IF, FC, ICC, IP
Primary Accession	O95983
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human MBD3
Purification	Affinity Chromatography
Calculated MW	32844

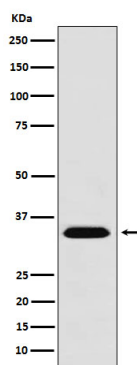
Additional Information

Gene ID	53615
Other Names	MBD3
Dilution	WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A IP~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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

Images



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