

Mbd3 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11692

Product Information

Application	WB
Primary Accession	Q9Z2D8
Other Accession	NM_013595 , NP_038623
Reactivity	Human, Mouse, Rat, Dog
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32168

Additional Information

Gene ID	17192
Alias Symbol	AI181826, AU019209
Other Names	Methyl-CpG-binding domain protein 3, Methyl-CpG-binding protein MBD3, Mbd3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Mbd3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Mbd3 antibody - N-terminal region 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 (By similarity). Acts as transcriptional repressor and plays a role in gene silencing (By similarity). Does not bind methylated DNA by itself (PubMed: 9774669). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides (By similarity). Recruits histone deacetylases and DNA methyltransferases (By similarity).
Cellular Location	Nucleus. Chromosome {ECO:0000250 UniProtKB:O95983} Note=Detected on chromatin, at promoter regions of active genes (By similarity). Nuclear, in discrete foci (PubMed:9774669) {ECO:0000250 UniProtKB:O95983,

Tissue Location

Highly expressed in brain, heart, kidney, liver, lung, skeletal muscle, spleen and testis. Detected at lower levels in embryonic stem cells.

Images



WB Suggested Anti-Mbd3 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Mouse Heart

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