

## DATASHEET

# MBD3 Rabbit Polyclonal Antibody

CAT. NO. APA14213

### KEY FEATURES

Target	MBD3	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### BACKGROUND

Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin . Acts as transcriptional repressor and plays a role in gene silencing . Does not bind to methylated DNA by itself . Binds to a lesser degree DNA containing unmethylated CpG dinucleotides . Recruits histone deacetylases and DNA methyltransferases.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

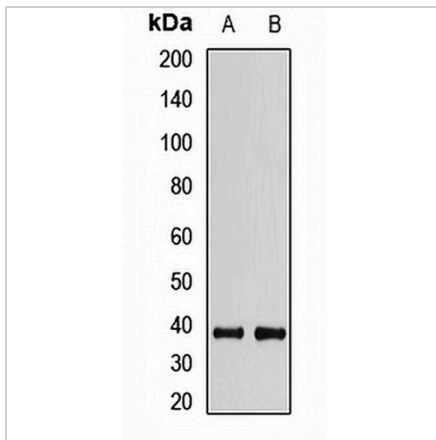
Description	Rabbit polyclonal antibody to MBD3
Specificity	Recognizes endogenous levels of MBD3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MBD3
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 29; Observed: 36 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Methyl-CpG-binding domain protein 3; Methyl-CpG-binding protein MBD3
Gene Symbol	MBD3
Entrez Gene	53615(Human); 17192(Mouse)
SwissProt	O95983(Human); Q9Z2D8(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of MBD3 expression in Jurkat (A), K562 (B) whole cell lysates.  
(Predicted band size: 29; 32 kD; Observed band size: 36 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.