

Datasheet for ABIN7116242 **anti-MBD3 antibody**



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Overview

Quantity:	100 µg
Target:	MBD3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	methyl-CpG binding domain protein 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	MBD3
Alternative Name:	MBD3 (MBD3 Products)
Background:	Synonyms: Background: Acts as transcriptional repressor and plays a role in gene silencing. Does not bind to DNA by itself(PubMed:12124384). Binds to DNA with a preference for sites containing methylated CpG dinucleotides(in vitro). Binds to a lesser degree DNA containing

Target Details

	unmethylated CpG dinucleotides(PubMed:24307175). Recruits histone deacetylases and DNA methyltransferases.
Molecular Weight:	33 kDa
Gene ID:	53615
UniProt:	O95983
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months