

MBD2 antibody

Product Information

Catalog No.:	FNab05034
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

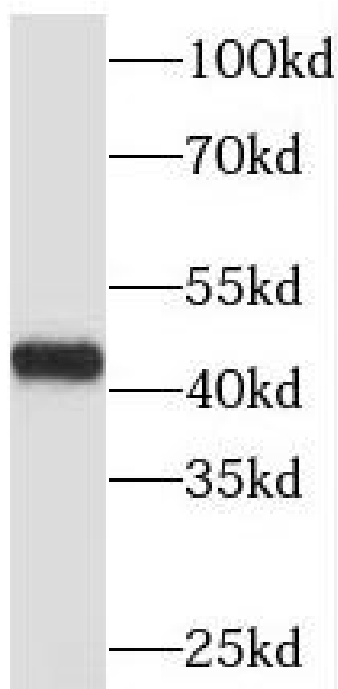
Binds CpG islands in promoters where the DNA is methylated at position 5 of cytosine within CpG dinucleotides. Binds hemimethylated DNA as well. Recruits histone deacetylases and DNA methyltransferases. Acts as transcriptional repressor and plays a role in gene silencing. Functions as a scaffold protein, targeting GATAD2A and GATAD2B to chromatin to promote repression. May enhance the activation of some unmethylated cAMP-responsive promoters.

Immunogen information

Immunogen:	methyl-CpG binding domain protein 2
Synonyms:	Methyl-CpG-binding domain protein 2 Demethylase (DMTase) Methyl-CpG-binding protein MBD2 MBD2
Observed MW:	43-45 kDa
Uniprot ID :	Q9UBB5

Application

Reactivity:	Human, Rat
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000
Image:	



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab05034(MBD2 antibody) at dilution of 1:1000