

## MBD3 antibody

### Product Information

Catalog No.:	FNab05035
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

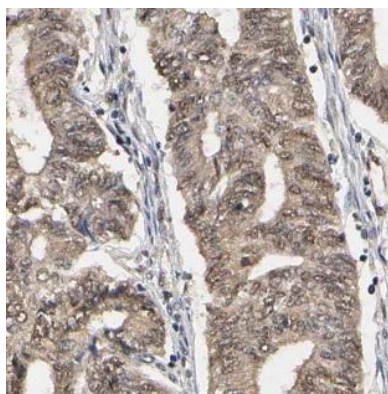
Acts as transcriptional repressor and plays a role in gene silencing. Does not bind to DNA by itself(PubMed:12124384). Binds to DNA with a preference for sites containing methylated CpG dinucleotides(in vitro). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides(PubMed:24307175). Recruits histone deacetylases and DNA methyltransferases.

### Immunogen information

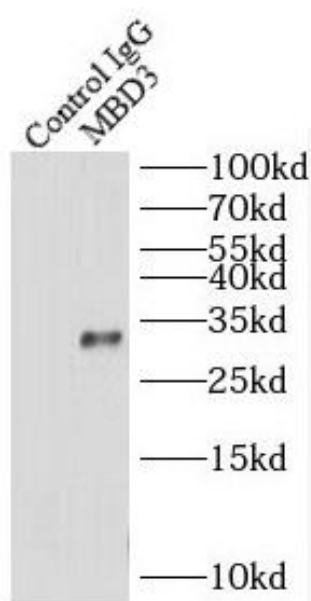
Immunogen:	methyl-CpG binding domain protein 3
Synonyms:	Methyl-CpG-binding domain protein 3 Methyl-CpG-binding protein MBD3 MBD3
Observed MW:	33 kDa
Uniprot ID :	O95983

### Application

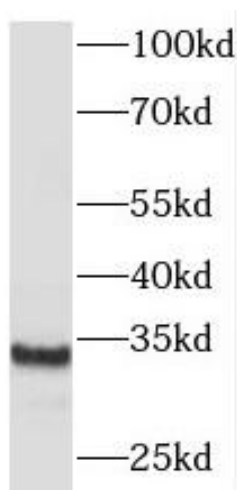
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human endometrial cancer using FNab05035(MBD3 antibody) at dilution of 1:100



IP Result of anti-MBD3 (IP:FNab05035, 4ug; Detection:FNab05035 1:800) with mouse testis tissue lysate 4000ug.



Y79 cells were subjected to SDS PAGE followed by western blot with FNab05035(MBD3 antibody) at dilution of 1:600