

MBD3 Polyclonal Antibody

Catalog number: 14258-1-AP

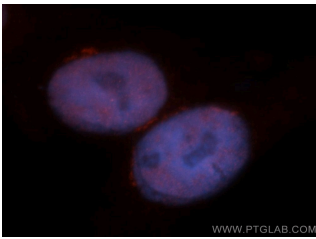
Size: 20 µg/150 µl

Source: Rabbit

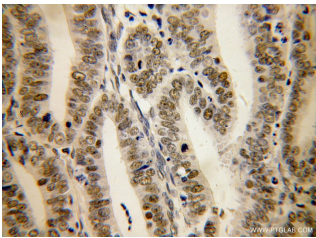
Isotype: IgG

Synonyms:

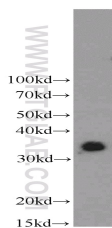
MBD3; MBD3



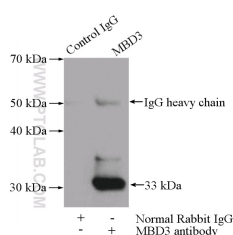
Immunofluorescent analysis of HepG2 cells, using MBD3 antibody 14258-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human endometrial cancer using 14258-1-AP (MBD3 antibody) at dilution of 1:100 (under 40x lens)



Y79 cells were subjected to SDS PAGE followed by western blot with 14258-1-AP (MBD3 antibody) at dilution of 1:600



IP Result of anti-MBD3

(IP:14258-1-AP, 4µg;

Background

MBD3 does not bind DNA by itself. It recruits histone deacetylases and DNA methyltransferases. MBD3 acts as transcriptional repressor and plays a role in gene silencing. (PMID:9774669) .

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated MBD3 MW:	33 kDa
Observed MBD3 MW:	33kd
Positive WB detected in	Y79 cells, COLO 320 cells, HeLa cells, Jurkat cells, MCF7 cells, mouse testis tissue
Positive IP detected in	Mouse testis tissue
Positive IHC detected in	Human endometrial cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5531
GenBank accession number:	BC043619
Gene ID (NCBI):	53615
Full name:	Methyl-CpG binding domain protein 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

Detection:14258-1-AP 1:800)
with mouse testis tissue lysate
4000ug.