

# MBD3 Antibody



PACO49010

---

## Product Information

**Size:**

50ug

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000,  
IHC:1:20-1:200

**Protein Background:**

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

**Gene ID:**

MBD3

**Uniprot**

O95983

**Synonyms:**

Methyl-CpG-binding domain protein 3 (Methyl-CpG-binding protein MBD3), MBD3

**Immunogen:**

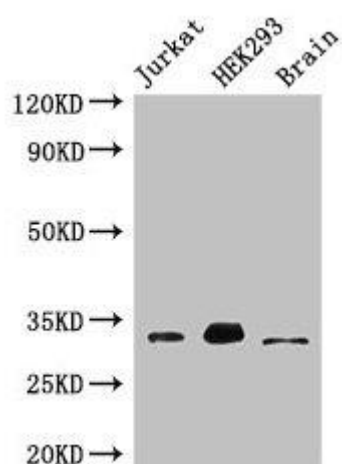
Recombinant Human Methyl-CpG-binding domain protein 3 protein (79-209AA).

**Storage:**

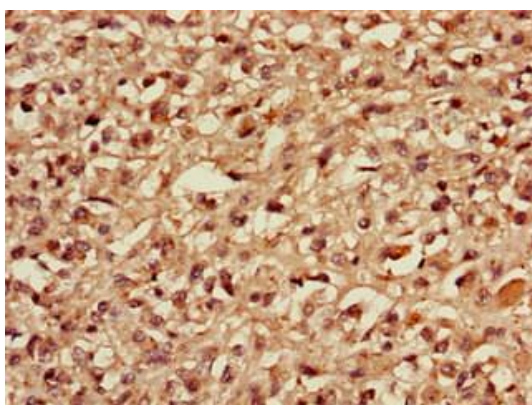
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

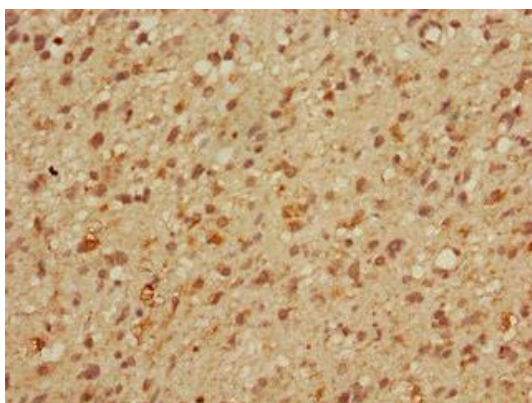
---



Western Blot. Positive WB detected in: Jurkat whole cell lysate, HEK293 whole cell lysate, Mouse brain tissue. All lanes: MBD3 antibody at 3 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 33, 30 kDa. Observed band size: 33 kDa.



Immunohistochemistry of paraffin-embedded human melanoma using PACO49010 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human glioma using PACO49010 at dilution of 1:100.