

MBD3 Polyclonal Antibody

Catalog # AP70854

Specification

MBD3 Polyclonal Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | O95983 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |

MBD3 Polyclonal Antibody - Additional Information

Gene ID 53615

Other Names

MBD3; Methyl-CpG-binding domain protein 3; Methyl-CpG-binding protein MBD3

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

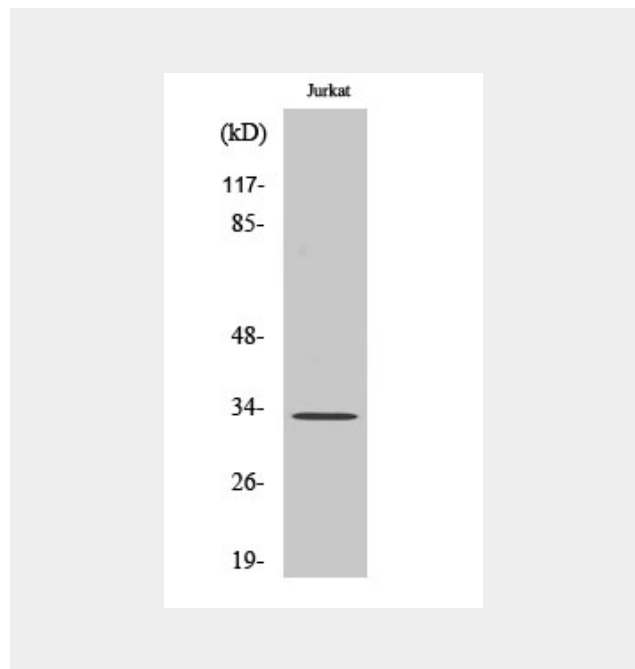
-20°C

MBD3 Polyclonal Antibody - Protein Information

Name MBD3

Function

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



MBD3 Polyclonal Antibody - Background

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methyltransferases.

Cellular Location

Nucleus. Chromosome. Note=Nuclear, in discrete foci. Detected on chromatin, at promoter regions of active genes

MBD3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)