

Nur für Forschungszwecke

MBD1 Polyklonaler Antikörper

Katalog-Nr.:29998-1-AP



Allgemeine Informationen

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|--|---|--|
| Katalog-Nr.: 29998-1-AP | GenBank-Zugangsnummer: NM_015846 | Reinigungsmethode: Antigen-Affinitätsreinigung |
| Größe: 150ul , Konzentration: 300 µg/ml von Nanodrop; | GeneID (NCBI): 4152 | Empfohlene Verdünnungen: WB 1:1000-1:8000 |
| Wirt: Kaninchen | Vollständiger Name: methyl-CpG binding domain protein 1 | |
| Isotyp: IgG | Berechnete Masse: 67KD | |
| Immunogen Katalognummer: AG31424 | Beobachtete Masse: 70-80 kDa | |

Anwendungen

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| Geprüfte Anwendungen: WB, ELISA | Positivkontrollen: WB : HeLa-Zellen, Jurkat-Zellen |
| Getestete Reaktivität: Human | |

Hintergrundinformationen

MBD1, also known as RFT, PCM1, CXXC3, is a member of a family of nuclear proteins related by the presence of a methyl-CpG binding domain (MBD). MBD1 is a transcriptional repressor that binds CpG islands in promoters where the DNA is methylated at position 5 of cytosine within CpG dinucleotides. MBD1 acts as a transcriptional repressor and plays a role in gene silencing by recruiting AFT7IP, which in turn recruits factors such as the histone methyltransferase SETDB1. Five transcript variants of the MBD1 are generated by alternative splicing resulting in protein isoforms that contain one MBD domain, two to three cysteine-rich (CXXC) domains, and some differences in the COOH terminus. Isoform 1 and isoform 2 can repress transcription from unmethylated promoters (PMID: 12665582, 14610093, 16757475).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

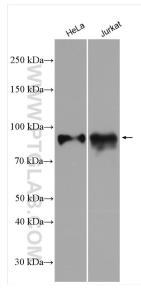
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29998-1-AP (MBD1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.