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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MBD1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00004152-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human MBD1 protein.

Immunogen: MBD1 (NP_056671.2, 1 a.a. ~ 605 a.a) full-length human protein.

Sequence:
 MAEDWLDPCALGPGWKRREVFRKSGATCGRSDTYQSPDGDRIRSKV
 ELTRYLGPACDLTLDFDKQGILCYPAPKAHPVAVASKKRKKPSRPAKTRK
 RQVGPQSGEVRKEAPRDETKADTDTAPASFAPGCCENCISFSGDGT
 QRQLKTLCKDCRAQRIAFNREQRMFKRVGCGECAACQVTEDCGACS
 TLLQLPHDVASGLFCKCERRRCLRMVRSRGCVCRCGQQTQEDCGH
 CPICLRPPRPLRRQWKCVQRRCLRGKHARRKGGCDKMAARRRPGA
 QPLPPPPPSQSPEPTEPHRALAPSPPAEFIYYCVDEDELQPYTNRRQN
 RKCGACAACLRMDCGRCDFCCDKPKFGGSNQKRQKCRWRQCLQFA
 MKRLLPSVWSESEDGAGSPPPYRRRKRPSARRHHLGPTLKPTLATRT
 AQPDPHTQAPTKQEAGGFVLPPTGDLVFLREGASSPVQVPGPVAAST
 EALLQEAQCGLSWVVALPQVKQEADTQDEWTPGTAVLTSPLVPGC
 PSKAVDPGLPSVKQEPDPPEEDKEENKDDASAKLAPEEEAGGAGTPVIT
 EIFSLGGTRFRDRTAVWLPRSKDLKKPGARKQ

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

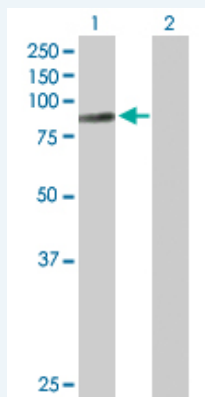
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

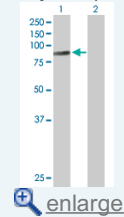
Western Blot (Transfected lysate)




Western Blot analysis of MBD1 expression in transfected 293T cell line ([H00004152-T01](#)) by MBD1 MaxPab polyclonal antibody.

Application Image

Western Blot (Transfected lysate)



Lane 1: MBD1 transfected lysate(66.60 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4152](#)

GeneBank [NM_015846.2](#)

Accession#:

Protein [NP_056671.2](#)

Accession#:

Gene Name: MBD1

Gene Alias: CXXC3,PCM1,RFT

Gene methyl-CpG binding domain protein 1

Description:

Omim ID: [156535](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: DNA methylation is the major modification of eukaryotic genomes and plays an essential role in mammalian development. Human proteins MECP2, MBD1, MBD2, MBD3, and MBD4 comprise a family of nuclear proteins related by the presence in each of a methyl-CpG binding domain (MBD). Each of these proteins, with the exception of MBD3, is capable of binding specifically to methylated DNA. MECP2, MBD1 and MBD2 can also repress transcription from methylated gene promoters. 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. All five transcript variants repress transcription from methylated promoters; in addition, variants with three CXXC domains also repress unmethylated promoter activity. MBD1 and MBD2 map very close to each other on chromosome 18q21. [provided by RefSeq]

Other OTTHUMP00000163504,OTTHUMP00000163506,OTTHUMP00000163507,methyl-CpG binding domain protein 1 isoform PCM1,the regulator of fibroblast growth factor 2 (FGF-2) transcription

Related Disease

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