



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

MBD1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00004152-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse 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:
 MAEDWLDPCALGPGWKRREVFVKSGATCGRSDTYQSPDGDRIRSKV
 ELTRYLGPACDLTLDFKQKILCYPAKHPVAVASKKRKKPSRPAKTRK
 RQVGPQSGEVRKEAPRDETADTDAPASFPAGCCENCISFSGDGT
 QRQLKTLCKDCRAQRIAFNREQRMFKRVGCGECAACQVTEDCGACS
 TLLQLPHDVASGLFCKCERRRCLRMVRSRGCVCVRCGCQTQEDCGH
 CPICLRPPRPLRRQWKCVQRRCLRGKHARRKGGCDKMAARRRPGA
 QPLPPPPPSQSPEPTEPHRALAPSPPAEFYYCVDEDELQPYTNRRQN
 RKCGACAACLRMDCGRCDFCCDKPKFGGSNQKRQKCRWRQCLQFA
 MKRLLPSVWSEEDGAGSPPYRRRKRPSARRHLLGPTLKPTLATRT
 AQPDPHTQAPTKQEAGGFVLPPTGDLVFLREGASSPVQVPGPVAAST
 EALLQEAQCGLSWVVALPQVKQEKADTQDEWTPGTAVLTSPVLVPGC
 PSKAVDPGLPSVKQEPDPPEEDKEENKDDASASKLAPEEEAGGAGTPVIT
 EIFSLGGTRFRDRTAVWLPKSKDLKKPGARKQ

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

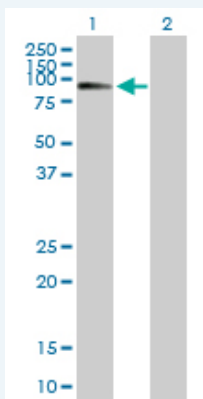
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

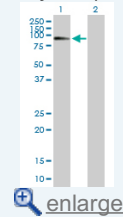
Western Blot (Transfected lysate)



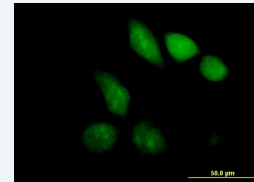
Western Blot analysis of MBD1 expression in transfected 293T cell line ([H00004152-T01](#)) by MBD1 MaxPab polyclonal antibody.

Application Image

Western Blot (Transfected lysate)



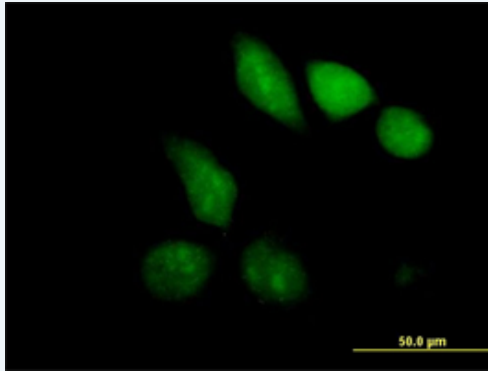
Immunofluorescence




Lane 1: MBD1 transfected lysate(66.55 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to MBD1 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4152](#)

**GeneBank
Accession#:** [NM_015846.2](#)

**Protein
Accession#:** [NP_056671.2](#)

Gene Name: MBD1

Gene Alias: CXXC3,PCM1,RFT

**Gene
Description:** methyl-CpG binding domain protein 1

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

Related Disease

[Adenocarcinoma](#) [Carcinoma, Non-Small-Cell Lung](#) [Genetic Predisposition to Disease](#) [Head and Neck Neoplasms](#) [Lung Neoplasms](#) [Neoplasm Recurrence, Local](#) [Neoplasms, Second Primary](#)

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.