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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MBD4 polyclonal antibody

Catalog Number: PAB20104

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant MBD4.

Immunogen: Recombinant protein corresponding to amino acids of human MBD4.

Sequence:

LQNSNNSNWNLRTSKCKKDVFMPPSSSELQESR
GLSNFTSTHLLKEDEGVDDVNFVRKVRKPKGKVTILKG
IPIKTKKKGCRKSCSGFVQSDSKRESVCNKADAESSEP
VAQKSQDLDRVCISDAGACGETLSVTSEEN

Host: Rabbit

Reactivity: Human

Applications: IF, IHC-P, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry

(1:200-1:500)

Western Blot (1:250-1:500)

Immunofluorescence (1-4 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8930

Gene Symbol: MBD4

Gene Alias: MED1

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. MBD4 may function to mediate the biological consequences of the methylation signal. In addition, MBD4 has protein sequence similarity to bacterial DNA repair enzymes and thus may have some function in DNA repair. Further, MBD4 gene mutations are detected in tumors with primary microsatellite-instability (MSI), a form of genomic instability associated with defective DNA mismatch repair, and MBD4 gene meets 4 of 5 criteria of a bona fide MIS target gene. [provided by RefSeq]