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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MECP2 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00004204-B01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human MECP2 protein.

Immunogen: MECP2 (NP_004983.1, 1 a.a. ~ 486 a.a) full-length human protein.

Sequence:
 MVAGMLGLREEKSEDQLQGLKDKPLKFKKVKKDKKKEEKEGKHEPVQP
 SAHHAEPAEAGKAETSEGSGSAPAVPEASASPKQRRSIIIRDRGPMYDD
 PTLPEGWTRKLRKRSRSGRSGKYDVYLINPQGKAFRSKVELIAYFEKVG
 DTSLDPNDFDFTVTGGRGSPSRREQPPKPKSPKAPGTGRGRGRPKG
 SGTTRPKAATSEGVQVKRVLEKSPGKLLVKMPFQTSPGGKAEGGGATT
 STQVMVIKRPGRKRKAEADPQAIPKGRKPGSVAAAAAEAKKAVKE
 SSIRSVQETVLPKRRKTRRETVSIEVKEVVKPLLVSTLGEKSGKGLKTCKS
 PGRKSKESSPKGRSSASSPPKKEHHHHHHHSESPKAPVLLPPLPPPPP
 EPESSEDPTSPPEPQDLSSSVCKEEKMPRGGSLSDGCPKEPAKTQPA
 VATAATAAEKYKHRGEGERKDIVSSMPRPNREEPVDSRTPVTERVS

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

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

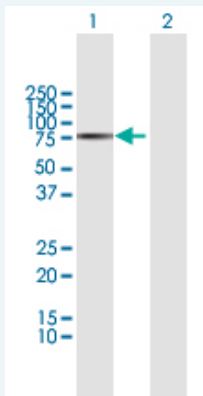
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

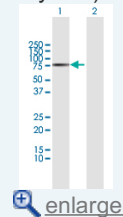
Western Blot (Transfected lysate)



Western Blot analysis of MECP2 expression in transfected 293T cell line (H00004204-T01) by MECP2 MaxPab polyclonal antibody.

Application Image

Western Blot (Transfected lysate)



Lane 1: MECP2 transfected lysate(53.46 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4204](#)

**GeneBank
Accession#:** [NM_004992.2](#)

**Protein
Accession#:** [NP_004983.1](#)

Gene Name: MECP2

Gene Alias: AUTSX3,DKFZp686A24160,MRX16,MRX79,MRXS13,MRXSL,PPMX,RTS,RTT

**Gene
Description:** methyl CpG binding protein 2 (Rett syndrome)

Omim ID: [105830](#), [300005](#), [300055](#), [300260](#), [300496](#), [300673](#), [312750](#)

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. In contrast to other MBD family members, MECP2 is X-linked and subject to X inactivation. MECP2 is dispensible in stem cells, but is essential for embryonic development. MECP2 gene mutations are the cause of most cases of Rett syndrome, a progressive neurologic developmental disorder and one of the most common causes of mental retardation in females. [provided by RefSeq]

**Other
Designations:** OTTHUMP00000026021,methyl CpG binding protein 2

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