

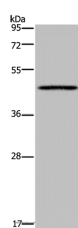
MECP2 Polyclonal Antibody

Catalog No. E-AB-15195
Storage Store at -20°C. Avoid freeze / thaw cycles.
Applications WB,IHC,ELISA

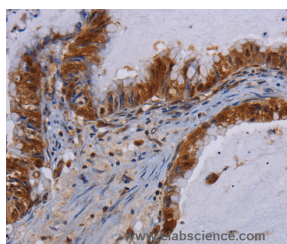
Reactivity H,M,R
Host Rabbit
Isotype IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

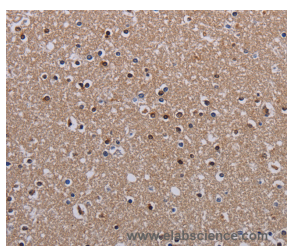
Images



Western Blot analysis of Mouse lung tissue using MECP2 Polyclonal Antibody at dilution of 1:300



Immunohistochemistry of paraffin-embedded Human esophagus cancer using MECP2 Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human brain using MECP2 Polyclonal Antibody at dilution of 1:60

Immunogen Information

Immunogen Recombinant protein of human MECP2
Gene Accession BC011612
Swissprot P51608
Synonyms RS,RTS,RTT,PPMX,MRX16,MRX79,MRXSL,AUT SX3,MRXS13

Product Information

Calculated MW 52kDa
Buffer PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Purify Affinity purification
Dilution WB 1:200-1:1000, IHC 1:100-1:300

Background

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 dispensable in stem cells, but is essential for embryonic development.

For Research Use Only

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.