

MECP2 Antibody



PACO16666

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:1000,
IHC:1:100-1:300

Protein 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 dispensible in stem cells, but is essential for embryonic development.

Gene ID:

MECP2

Uniprot

P51608

Synonyms:

methyl CpG binding protein 2

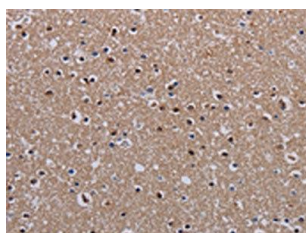
Immunogen:

Fusion protein of human MECP2.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

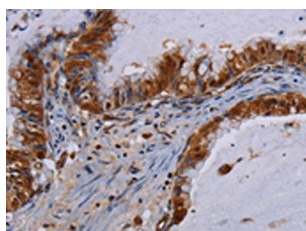
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO16666 (MECP2 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane: Mouse lung tissue, Primary antibody: PACO16666 (MECP2 Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PACO16666 (MECP2 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: x—200).