

MeCP2 Polyclonal Antibody

Catalog # AP63389

Specification

MeCP2 Polyclonal Antibody - Product Information

Application WB
Primary Accession P51608
Reactivity Human
Host Rabbit
Clonality Polyclonal

MeCP2 Polyclonal Antibody - Additional Information

Gene ID 4204

Other Names

Methyl-CpG-binding protein 2 (MeCp-2 protein) (MeCp2)

Dilution

WB~~WB: 1:2000

Format

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

MeCP2 Polyclonal Antibody - Protein Information

Name MECP2

Function

Chromosomal protein that binds to methylated DNA. It can bind specifically to a single methyl-CpG pair. It is not influenced by sequences flanking the methyl-CpGs. Mediates transcriptional repression through interaction with histone deacetylase and the corepressor SIN3A. Binds both 5-methylcytosine (5mC) and 5-hydroxymethylcytosine (5hmC)- containing DNA, with a preference for 5-methylcytosine (5mC).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q9Z2D6}. Note=Colocalized with methyl-CpG in the genome. Colocalized with TBL1X to the heterochromatin foci.

Tissue Location

Present in all adult somatic tissues tested.

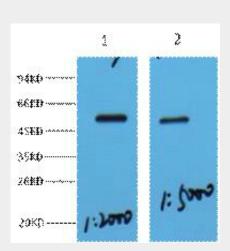
MeCP2 Polyclonal Antibody - Protocols



Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MeCP2 Polyclonal Antibody - Images



Western blot analysis of Hela, diluted at 1) 1:2000 2) 1:5000. Secondary antibody was diluted at 1:20000

MeCP2 Polyclonal Antibody - Background

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