Order: (888)-282-5810 (Phone)
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MECP2 (C) Antibody, Rabbit Polyclonal

Cat#: R0155-1

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted M.W.: 52 kDa

Uniprot ID: P51608

Background:

Methyl CpG binding protein 2 (MECP2) is a nuclear protein that contains a CpG binding domain and has the ability to bind to methylated DNA. Specifically, it can bind to a single methyl-CpG pair and is not influenced by sequences flanking the methyl-CpGs. It mediates transcriptional repression by interacting with histone deacetylases and the corepressor SIN3A. MECP2 is X-linked and subject to X inactivation. Mutations in this gene are the cause of the majority of cases of Rett syndrome, a progressive neurologic developmental disorder and one of the most common causes of mental retardation in females.

Other Names:

AUTSX3, DKFZp686a24160, MRX16, MRX79, MRXS13, MRXSL, PPMX, RS, RTS, RTT, MeCp-2 protein, mental retardation, X-linked 79

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal propeptide region of human MECP2. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN_3. Store at -20 ℃. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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Product Data:

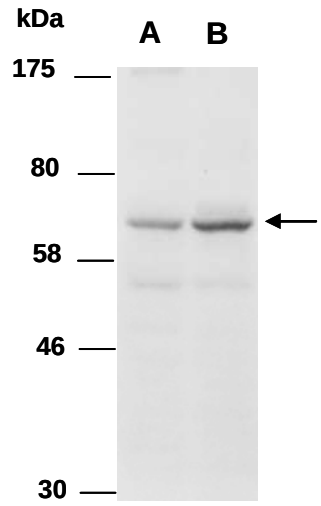

Fig 1. *Western blot of total cell extracts from (A) human HeLa, (B) mouse MEF, using Ab (R0155-1) at RT for 2 h.*

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