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MEF2D (C) Antibody, Rabbit Polyclonal

Cat#: R1363-2

Quantity: 100 ul

Predicted | Observed MW: 56 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q14814

Background:

Myocyte-specific enhancer factor 2D (MEF2D) is a transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT]₄TAR-3', found in numerous muscle-specific, growth factor- and stress-induced genes. MEF2D mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. MEF2D also plays diverse roles in the control of cell growth, survival and apoptosis via p38 MAPK signaling in muscle-specific and/or growth factor-related transcription. In addition, MEF2D plays a critical role in the regulation of neuronal apoptosis.

Other Names:

Myocyte-specific enhancer factor 2D

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human MEF2D. 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% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

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

Product Data:

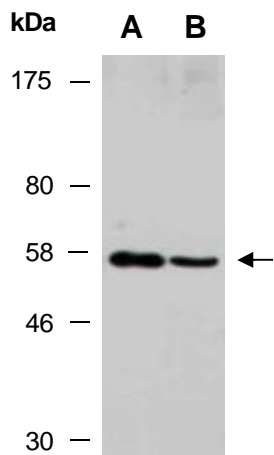


Fig 1. Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-MEF2D (C) (R1363-2) at RT for 2 h.