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NKX2-5 (M1) Antibody, Rabbit Polyclonal

Cat#: R1777-2

Quantity: 100 ul

Predicted | Observed M.W.: 35 | 44 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P52952

Background:

Homeobox protein Nkx-2.5 (NKX2-5) belongs to the NK-2 homeobox family and is implicated in commitment to and/or differentiation of the myocardial lineage. NKX2-5 acts as a transcriptional activator of ANF in cooperation with GATA4. NKX2-5 is transcriptionally controlled by PBX1 and acts as a transcriptional repressor of CDKN2B. Furthermore, it is required for spleen development.

Other Names:

Homeobox protein Nkx-2.5, Cardiac-specific homeobox, Homeobox protein CSX, Homeobox protein NK-2 homolog E, CSX, NKX2.5, NKX2E

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing middle region of human NKX2-5. 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: 1:1,000-1:3,000 (detect endogenous protein*)

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

Product Data:

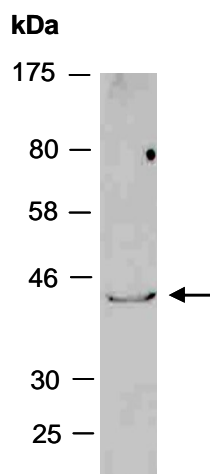


Fig 1. Western blot of total cell extracts from human HeLa; using anti-NKX2-5 (M1) (R1777-2) at RT for 2 h.