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NKX3.1 (N1) Antibody, Rabbit Polyclonal

Cat#: R1995-3

Quantity: 100 ul

Predicted | Observed M.W.: 26 | 30 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q99801

Background:

NKX3.1 is a transcription factor, which binds preferentially the consensus sequence 5'-TAAGT[AG]-3' and can behave as a transcriptional repressor. NK3.1 plays an important role in normal prostate development, regulating proliferation of glandular epithelium and in the formation of ducts in prostate. NKX3.1 acts as a tumor suppressor controlling prostate carcinogenesis, as shown by the ability to inhibit proliferation and invasion activities of PC-3 prostate cancer cells.

Other Names:

NKX3-1, NKX3A

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse NKX3.1. 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, Mouse

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:

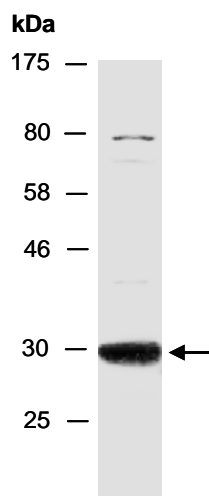


Fig 1. Western blot of total cell extracts from human HeLa; using anti-NKX3.1 (N1) (R1995-3) at RT for 2 h.