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FBXO11 (C) Antibody, Rabbit Polyclonal

Cat#: R0957-2

Quantity: 100 ul

Predicted | Observed M.W.: 104 | 130 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q86XK2

Background:

F-box only protein 11 (FBXo11) is a substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination and subsequent proteasomal degradation of target proteins, such as DTL/CDT2 and BCL6. The SCF (FBXO11) complex mediates ubiquitination and degradation of BCL6, thereby playing a role in the germinal center B-cells terminal differentiation toward memory B-cells and plasma cells. The SCF (FBXO11) complex also mediates ubiquitination and degradation of DTL, an important step for the regulation of TGF-beta signaling, cell migration and the timing of the cell-cycle progression and exit. FBXO11 binds to and neddylates phosphorylated p53/TP53, inhibiting its transcriptional activity.

Other Names:

F-box only protein 11, Protein arginine N-methyltransferase 9, Vitiligo-associated protein 1, VIT-1, FBX11, PRMT9, VIT1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human FBXO11. 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:

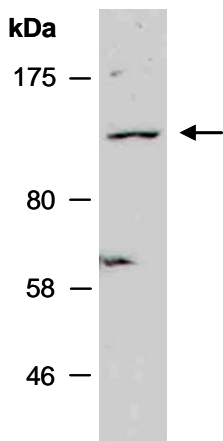


Fig 1. Western blot of total cell extracts from human Jurkat; using anti-FBXO11 (C) (R0957-2) at RT for 2 h.