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NOTCH4 (C) Antibody, Rabbit Polyclonal

Cat#: R0748-3

Quantity: 100 ul

Predicted | Observed MW: 210 | 61 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q99466

Background:

Neurogenic locus notch homolog protein 4 (NOTCH4) is a single pass membrane protein that belongs to the NOTCH family. NOTCH4 functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. NOTCH4 is cleaved upon ligand activation and the notch intracellular domain (NICD) is released, which forms a transcriptional activator complex with RBPJ/RBPSUH to activate genes of the enhancer of split locus. It affects the implementation of differentiation, proliferation and apoptotic programs.

Other Names:

Neurogenic locus notch homolog protein 4, Notch 4, hNotch4, INT3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human NOTCH4. 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:

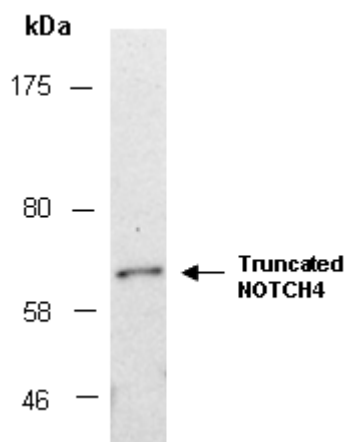


Fig 1. Western blot of total cell extracts from human Jurkat, using Ab (R0748-3) atRT for 2 h. The full length NOTCH4 is approximately 210 kD, while the truncated NOTCH4 is approximately 61 kD.