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PTPN14 (N) Antibody, Rabbit Polyclonal

Cat#: R1740-1

Quantity: 100 ul

Predicted | Observed MW: 136 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q15678

Background:

Tyrosine-protein phosphatase non-receptor type 14 (PTPN14) is a protein tyrosine phosphatase that belongs to the protein-tyrosine phosphatase family. PTPN14 may interact with the vascular endothelial growth factor receptor 3 (VEGFR3), a receptor tyrosine kinase essential for lymphangiogenesis, suggesting a conserved role for PTPN14 in the regulation of lymphatic development in mammals and a nonconserved role in choanal development in humans. Defects in PTPN14 are a cause of choanal atresia and lymphedema (CHATLY).

Other Names:

Tyrosine-protein phosphatase non-receptor type 14, Protein-tyrosine phosphatase pez, PEZ

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human PTPN14. 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: 1:500-1:1,000 (detect endogenous protein*)

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

Product Data:

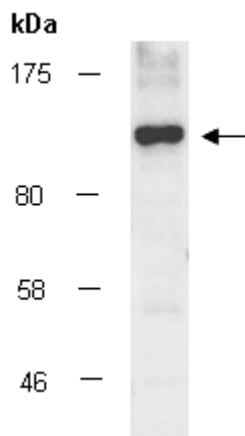


Fig 1. Western blot of total cell extracts from human HeLa, using Ab (R1740-1) at RT for 2 h.