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STEAP3 (N) Antibody, Rabbit Polyclonal

Cat#: R0085-1

Quantity: 100 ul

Predicted M.W.: 55 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q8CI59

Background:

STEAP family member 3 (STEAP3) is an endosomal ferrireductase required for efficient transferrin-dependent iron uptake in erythroid cells. It participates in erythroid iron homeostasis by reducing Fe(3+) to Fe(2+) and may play a role in copper homeostasis reducing Cu(2+) to Cu(1+). It may also play a role downstream of p53 to interface apoptosis and cell cycle. STEAP3 is indirectly involved in exosome secretion by facilitating the secretion of proteins such as TCTP.

Other Names:

1010001D01Rik, Tsap6, pHyde

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse STEAP3. 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: 1:1,000-1:5,000 (detect endogenous protein*)

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

Product Data:

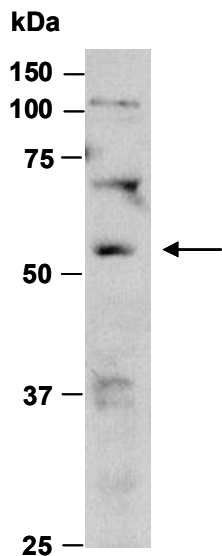


Fig 1. Western blot of total cell extracts from human HeLa, using Ab (R0085-1) at RT for 2 h.