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FPN1 (M) Antibody, Rabbit Polyclonal

Cat#: R0081-1

Quantity: 100 ul

Predicted M.W.: 63 kDa

Lot#: Refer to vial

Application: WB, ELISA

Uniprot ID: Q9JHI9

Background:

Solute carrier family 40 (iron-regulated transporter), member 1 (FPN1) is a multi-pass membrane protein that may play a role in the export of iron from duodenal epithelial cells. It may also be involved in the transfer of iron between maternal and fetal circulation. FPN1 mediates iron efflux in the presence of a ferroxidase (hephaestin and/or ceruloplasmin). Defects in FPN1 are a cause of hemochromatosis type 4.

Other Names:

Slc40a1, Duscg, Fpn1, IREG, MTP, OI5, Pcm, Slc11a3, Slc39a1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of mouse FPN1. 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

Recommended Conditions:

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:

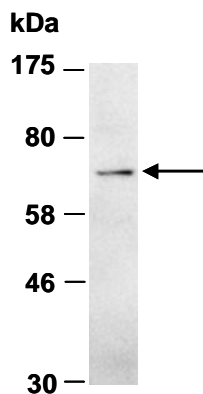


Fig 1. Western blot of total cell extracts from human Jurkat, using Ab (R0081-1) at RT for 2 h.