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SLC19A3 (M1) Antibody, Rabbit Polyclonal

Cat#: R0764-1

Quantity: 100 ul

Predicted | Observed MW: 56 | 63 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9BZV2

Background:

Thiamine transporter 2 is a multi-pass membrane protein that belongs to the reduced folate carrier (RFC) transporter (TC 2.A.48) family. It mediates high affinity thiamine uptake, probably via a proton anti-port mechanism. SLC19A3 may encode a thiamine transporter, ThTr2. SLC19A3 has no folate transport activity. Defects in SLC19A3 are the cause of biotin-responsive basal ganglia disease (BBGD).

Other Names:

Thiamine transporter 2, ThTr-2, ThTr2, Solute carrier family 19 member 3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human SLC19A3. 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:

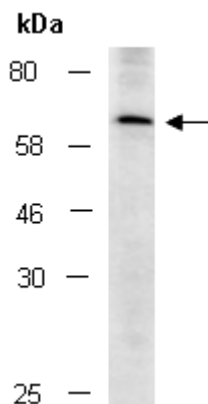


Fig 1. Western blot of total cell extracts from human HepG2 using Ab (R0764-1) at RT for 2 h.