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IRS2 (C) Antibody, Rabbit Polyclonal

Cat#: R1303-2

Quantity: 100 ul

Predicted | Observed M.W.: 137 | 200 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9Y4H2

Background:

Insulin receptor substrate 2 (IRS2) is a cytoplasmic signaling molecule that mediates effects of insulin, insulin-like growth factor 1, and other cytokines by acting as a molecular adaptor between diverse receptor tyrosine kinases and downstream effectors. IRS2 is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation, as well as by an interleukin 4 receptor-associated kinase in response to IL4 treatment.

Other Names:

Insulin receptor substrate 2, IRS-2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human IRS2. 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: 1:1,000-1:3,000 (detect endogenous protein*)

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

Product Data:

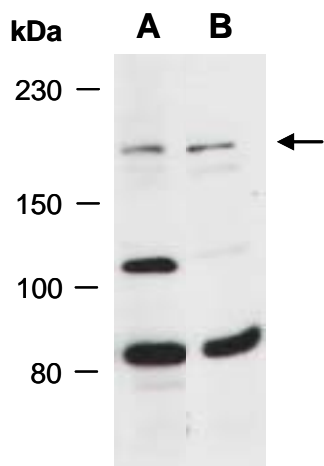


Fig 1. Western blot of total cell extracts from A) mouse thymus; B) human Jurkat; using anti-IRS2 (C) (R1303-2) at RT for 2 h.