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IRAK1 (M) Antibody, Rabbit Polyclonal

Cat#: R1329-1

Quantity: 100 ul

Predicted | Observed M.W.: 77 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P51617

Background:

Interleukin-1 receptor-associated kinase 1 (IRAK1) is a serine/threonine-protein kinase that plays a critical role in initiating innate immune response against foreign pathogens. It is involved in Toll-like receptor (TLR) and IL-1R signaling pathways. IRAK1 is rapidly recruited by MYD88 to the receptor-signaling complex upon TLR activation.

Other Names:

Interleukin-1 receptor-associated kinase 1, IRAK-1, IRAK

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human IRAK1. 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: 1:1,000-1:3,000 (detect endogenous protein*)

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

Product Data:

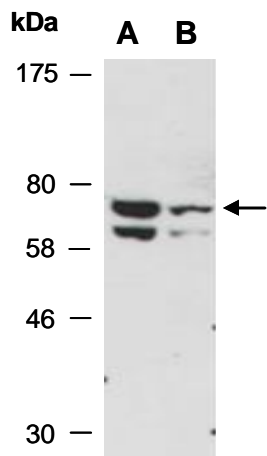


Fig 1. Western blot of total cell extracts from A) human HeLa; B) human Jurkat; using anti-IRAK1 (M) (R1329-1) at RT for 2 h.