Order: (888)-282-5810 (Phone)
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PARP (N) Antibody, Rabbit Polyclonal

Cat#: R0191-1

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted M.W.: 113 kDa

Uniprot ID: P09874

Background:

Poly [ADP-ribose] polymerase 1 (PARP) is involved in the base excision repair (BER) pathway by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks. PARP positively regulates the transcription of MTUS1 and negatively regulates the transcription of MTUS2/TIP150.

Other Names:

ADPRT, PPOL, Poly [ADP-ribose] polymerase 1, PARP-1, NAD(+) ADP-ribosyltransferase 1, ADPRT 1, Poly[ADP-ribose] synthase 1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human PARP. 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% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

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.

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Product Data:

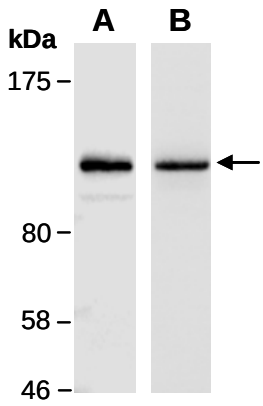

Fig 1. *Western blot of total cell extracts from human Jurkat, using 2 independent Abs against 2 distinct regions of human PARP [A: R0191-1 (N-terminal); B: R0191-2 (middle)] at RT for 2 h.*

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