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Rabbit Polyclonal anti-PIASy (C1b) Antibody

Cat#: R0010-2

Lot#: Refer to vial

Quantity: 100 μ l

Application: WB

Predicted M.W.: 56 kDa

Uniprot ID: Q8N2W9

Background:

Protein inhibitor of activated STAT protein gamma (PIASy) functions as an E3 small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. PIASy functions as a transcriptional co-regulator in numerous cellular pathways, including the STAT pathway, the p53 pathway and the Wnt pathway. PIASy is also involved in gene silencing.

Other Names:

FLJ12419, MGC35296, PIASY, Piasg, ZMIZ6, PIAS4

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human PIASy. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1x PBS (pH 7.4), 100 μ g/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: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications. This antibody recognizes two shorter forms of PIASy.

Product Data:

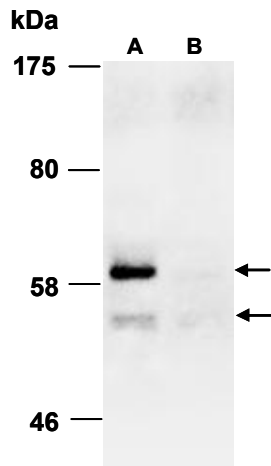


Fig 1. Western blot of total cell extracts from (A) wild type MEFs, (B) *Piasy*^{-/-} MEFs, using Ab (R0010-2) at RT for 2 h.