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(818)-707-0392 (Fax)
order@abiocode.com
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KAISO (N2) Antibody, Rabbit Polyclonal

Cat#: R0175-2

Quantity: 100 ul

Predicted | observed M.W.: 74 | 110 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q8BN78

Background:

KAISO is also known as Zinc finger and BTB domain-containing protein 33, a transcriptional regulator with bimodal DNA-binding specificity. KAISO binds to methylated CpG dinucleotides in the consensus sequence 5'-CGCG-3' and also binds to the non-methylated consensus sequence 5'-CTGCNA-3'. KAISO can recruit the N-CoR repressor complex to promote histone deacetylation and the formation of repressive chromatin structures in target gene promoters. In contrast, KAISO may also activate transcription of a subset of target genes by the recruitment of CTNND2.

Other Names:

ZBTB33, ZNF348, Zinc finger and BTB domain-containing protein 33

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse KAISO. 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:

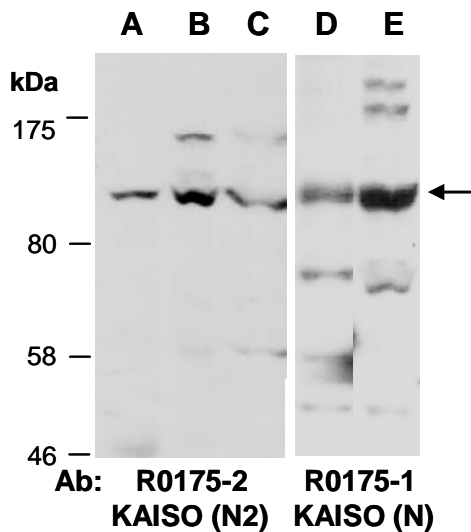


Fig 1. Western blot of total cell extracts from (A, D) mouse thymus, (B) human HeLa, (C, E) human Jurkat; using 2 independent Abs against 2 distinct regions of mouse KAISO at RT for 2 h.