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BAZ1A (N) Antibody, Rabbit Polyclonal

Cat#: R0419-1

Quantity: 100 ul

Predicted | Observed M.W.: 179 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9NRL2

Background:

Bromodomain adjacent to zinc finger domain protein 1A (BAZ1A) is a component of the ACF complex, an ATP-dependent chromatin remodeling complex, that regulates spacing of nucleosomes using ATP to generate evenly spaced nucleosomes along the chromatin. The ATPase activity of the complex is regulated by the length of flanking DNA. BAZ1A is also involved in facilitating the DNA replication process. BAZ1A is the accessory, non-catalytic subunit of the complex which can enhance and direct the process provided by the ATPase subunit, SMARCA5, probably through targeting pericentromeric heterochromatin in late S phase. BAZ1A moves end-positioned nucleosomes to a predominantly central position. BAZ1A may have a role in nuclear receptor-mediated transcription repression.

Other Names:

Bromodomain adjacent to zinc finger domain protein 1A, ATP-dependent chromatin-remodeling protein, ATP-utilizing chromatin assembly and remodeling factor 1, hACF1, CHRAC subunit ACF1, Williams syndrome transcription factor-related chromatin-remodeling factor 180, WCRF180, hWALp1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human BAZ1A. 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:

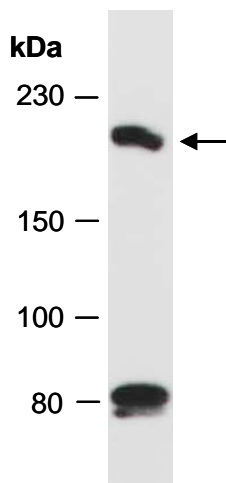


Fig 1. Western blot of total cell extracts from mouse thymus; using anti-BAZ1A (N) (R0419-1) at RT for 2 h.