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BAK1 (N2) Antibody, Rabbit Polyclonal

Cat#: R2350-3

Quantity: 100 ul

Predicted | Observed M.W.: 23 | 30 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O08734

Background:

BAK1 belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. BAK1 localizes to mitochondria, and functions to induce apoptosis. BAK1 interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. BAK1 also interacts with the tumor suppressor P53 after exposure to cell stress. BAK1 is expressed in a wide variety of tissues, with highest levels in the heart and skeletal muscle.

Other Names:

Apoptosis regulator BAK, Bcl-2-like protein 7, BAK, BCL2L7, CDN1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse BAK1. 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:

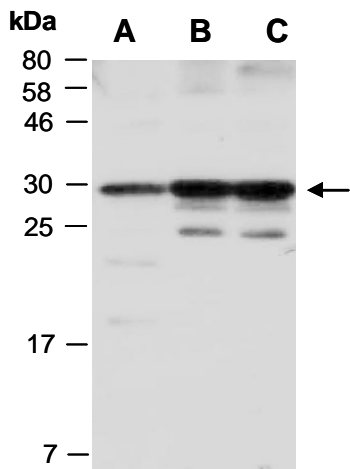


Fig 1. Western blot of total cell extracts from (A) mouse thymus, (B) human HeLa, (C) human Jurkat; using anti-BAK1 (N2) (R2350-3) at RT for 2 h.