SignalChem
Specialists in Signaling Proteins
1-866-9 KINASE (54-6273)

Catalogue #	Aliquot Size
B14-363R-100	100 µg

Anti-BAX

Rabbit Polyclonal Antibody

Catalog # B14-363R

Lot # O2109-28

Cited Applications

WB, ELISA, ICC, IF

Ideal working dilutions for each application should be empirically determined by the investigator.

Specificity

Recognizes the BAX protein

Cross Reactivity

Human

Host/Isotype/Clone#

Rabbit, IgG

Immunogen

BAX antibody was raised against a peptide corresponding to 16 amino acids near the amino-terminus of human BAX

Formulation

PBS + 0.02% sodium azide

Stability

1yr at –20°C from date of shipment

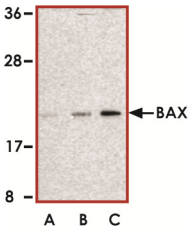
Scientific Background

BAX is a proapoptotic protein of the BCL2 protein family. BAX forms a heterodimer with BCL2 and functions as an apoptotic activator. BAX interacts with and increases the opening of the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in the mitochondrial membrane potential and the release of cytochrome c (1). The expression of BAX gene is regulated by the tumor suppressor p53 and BAX has been shown to be involved in p53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene (2).

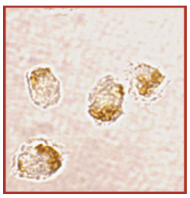
References

1. Deveraux Q L, et al: X-linked X-linked IAP is a direct inhibitor of cell-death proteases. Nature 388: 300-304, 1997.
2. Tang G, et al: Inhibition of JNK activation through NF-kappa-B target genes. Nature 414: 313-317, 2001.

Sample Data



Western blot analysis of BAX in HL-60 cell lysates with BAX antibody at (A) 1, (B) 2, and (C) 4 ug/ml.



Immunocytochemistry staining of HL-60 cells using BAX at 2 ug/ml.

Anti-BAX

Rabbit Polyclonal Antibody

Catalog Number	B14-363R
Specific Lot Number	O2109-28
Purification	Affinity chromatography
Stability	1yr at –20°C from date of shipment
Storage & Shipping	Store product at –20°C. For optimal storage, aliquot antibody into smaller quantities after centrifugation and store at recommended temperature. For optimal performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped on ice packs.

To place your order, please contact us by phone 1-(604)-232-4600, fax 1-604-232-4601 or by email: orders@signalchem.com
www.signalchem.com