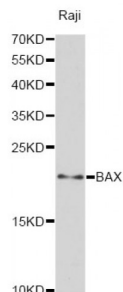


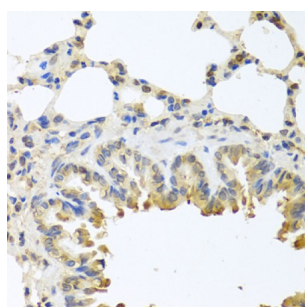
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Bcl2 Associated X Protein (BAX) Antibody

Catalogue No.: abx000595



Western blot analysis of extracts of Raji cells, using BAX antibody (abx000595) at 1:3000 dilution.



Immunohistochemistry of paraffin-embedded mouse lung using Bax antibody (abx000595) at dilution of 1/100 (40x lens).

BAX Antibody is a Rabbit Polyclonal antibody against BAX. The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and 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.

Target:	BAX
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Recombinant protein of human Bax.
Purification:	Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 4 kDa/12 kDa/15 kDa/18 kDa/19 kDa/21 kDa/24 kDa Observed MW: 21 kDa
Swiss Prot:	Q07812
GeneID:	581
Gene Symbol:	BAX
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.