

BAX Rabbit Polyclonal Antibody

Catalog No: #55262

Package Size: #55262-1 50ul #55262-2 100ul

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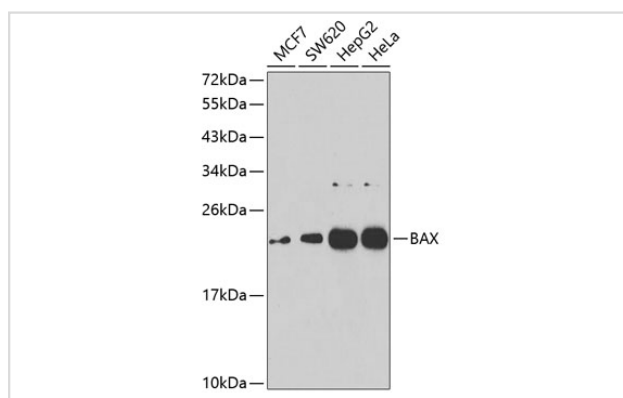
Description

Product Name	BAX Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human BAX (NP_620116.1).
Conjugates	Unconjugated
Other Names	BCL2L4;BAX
Accession No.	Swiss Prot:Q07812GeneID:581
Calculated MW	4kDa/12kDa/15kDa/18kDa/19kDa/21kDa/24kDa
SDS-PAGE MW	21kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using BAX at 1:1000 dilution.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.