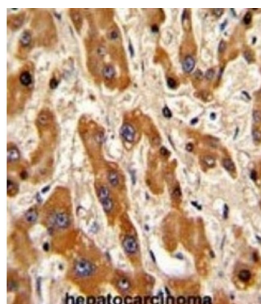


BAX (BH3 Domain Specific) Antibody

Catalogue No.: abx025083



Bax 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. Bax 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 the Bax gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis.

Target: BAX (BH3 Domain Specific)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, FCM

Host: Rabbit

Datasheet

Version: 3.0.0
Revision date: 10 Jul 2025



Recommended dilutions: WB: 1/2000, FCM: 1/25. Optimal dilutions/concentrations should be determined by the end user.

Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 41-76 amino acids from human Bax.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q07812 (UniProt , ExPASy)
NCBI Accession:	NP_004315.1, NP_620116.1, NP_620118.1, NP_620119.2
Molecular Weight:	Calculated MW: 21.2 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Cow BAX.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.