

Datasheet

BAX polyclonal antibody

Catalog Number: PAB9790

Regulation Status: For research use only (RUO)

Product Description: Sheep polyclonal antibody raised against synthetic peptide of BAX.

Immunogen: A synthetic peptide corresponding to amino acids 172-199 of human BAX.

Host: Sheep

Reactivity: Human

Applications: IP

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.08% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 581

Gene Symbol: BAX

Gene Alias: BCL2L4

Gene Summary: 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. [provided by RefSeq]

References:

1. Bcl-2 heterodimerizes in vivo with a conserved homolog, Bax, that accelerates programmed cell death. Oltvai ZN, Millman CL, Korsmeyer SJ. Cell. 1993 Aug 27;74(4):609-19.