

BAX Monoclonal Antibody

Catalog No.	A2211	Category	Monoclonal Antibodies
Applications	WB	Observed MW	21kDa
Cross-reactivity	Human, Monkey	Calculated MW	4kDa/12kDa/15kDa/18kDa/19kDa/21kDa/24kDa

Immunogen Information

Immunogen	Recombinant protein of human BAX
Gene ID	581
Swiss prot	Q07812
Synonyms	BCL2L4

Product information

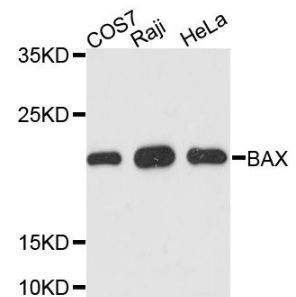
Source	Mouse
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:500 - 1:1000



Western blot analysis of extracts of various cell lines, using BAX antibody (A2211) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.