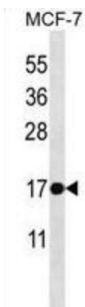


## Bcl2 Associated X Protein (BAX) Antibody

Catalogue No.: abx025468



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.

<b>Target:</b>	Bcl2 Associated X Protein (BAX)
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, WB
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	WB: 1/100. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 28-56 amino acids from human BAX.
<b>Isotype:</b>	IgG <sub>2b</sub>
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

# Datasheet

Version: 1.0.0

Revision date: 11 Feb 2025



**UniProt Primary AC:** Q07812 ([UniProt](#), [ExpASY](#))

**Molecular Weight:** Calculated MW: 21.2 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** This product is for research use only.

For Reference Only