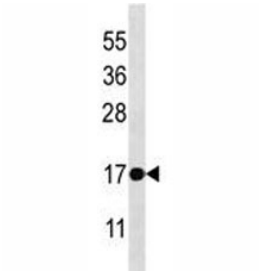
BAX Antibody [clone 557CT5.2.1] (F40382)

Catalog No.	Formulation	Size
F40382-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40382-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	557CT5.2.1
Purity	Purified
UniProt	Q07812
Applications	Western blot: 1:100
Limitations	This BAX antibody is available for research use only.



BAX antibody western blot analysis in MCF-7 lysate

Description

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.

Learn more about Bax biology and explore our highly published mouse monoclonal Bax antibody on our Bax Antibody page.

Application Notes

Titration of the BAX antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 28-56 from the human protein was used as the immunogen for this BAX antibody.

Storage

Aliquot the BAX antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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