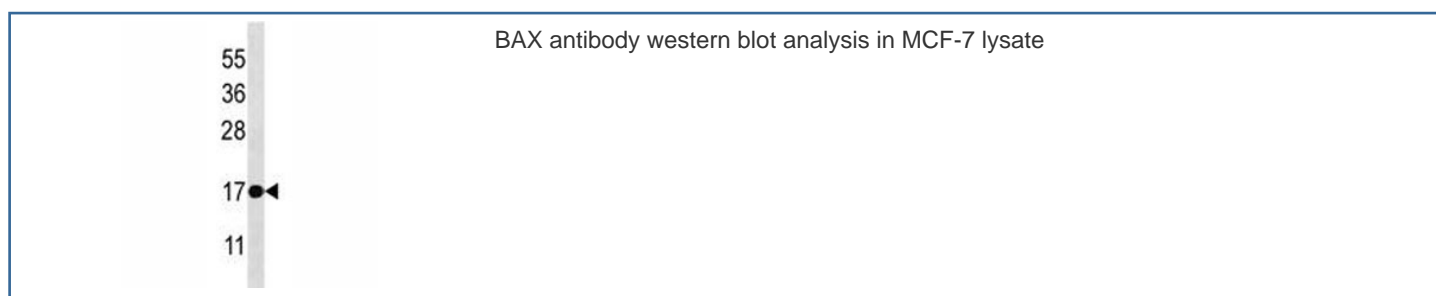


BAX Antibody [clone 557CT5.2.1] (F40382)

| 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 |

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| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| 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. |



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.

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.