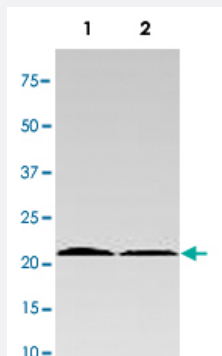


BAX polyclonal antibody

Catalog # PAB19559 Size 100 ug

Applications



Western Blot (Tissue lysate)

Immunohistochemical staining of mouse hippocampus with BAX polyclonal antibody (Cat # PAB19559).



Immunohistochemistry

Immunohistochemical staining of mouse hippocampus tissue section with BAX polyclonal antibody (Cat # PAB19559) at 1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic protein of BAX.
Immunogen	Synthetic protein corresponding to human BAX.
Host	Rabbit
Form	Lyophilized
Purification	Protein G purification

Recommend Usage	ELISA (1-2 ug/mL) Western Blot (2-10 ug/mL) Immunohistochemistry (2-10 ug/mL) The optimal working dilution should be determined by the end user.
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Storage Buffer	Lyophilized from PBS.
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Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at 4°C for one month. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot (Tissue lysate)

Immunohistochemical staining of mouse hippocampus with BAX polyclonal antibody (Cat # PAB19559).

- Immunohistochemistry

Immunohistochemical staining of mouse hippocampus tissue section with BAX polyclonal antibody (Cat # PAB19559) at 1:200 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BAX

Entrez GeneID	581
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Protein Accession#	Q07812
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Gene Name	BAX
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Gene Alias	BCL2L4
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Gene Description	BCL2-associated X protein
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Omim ID	600040
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Gene Ontology	Hyperlink
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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]

Other Designations

apoptosis regulator BAX

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Colorectal cancer](#)
- [Neurotrophin signaling pathway](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Prion diseases](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia Telangiectasia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Occupational Diseases](#)
- [Osteomyelitis](#)
- [Parkinson disease](#)
- [Pemphigus](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)

- [Werner syndrome](#)