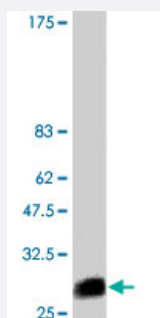


BAX polyclonal antibody

Catalog # PAB0810

Size 200 ug

Applications



Western Blot

Western blot detection against Immunogen.

Specification

Product Description	Rabbit polyclonal antibody raised against a synthetic peptide of BAX.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human BAX.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Immunohistochemistry Immunoprecipitation Western Blot (starting: 1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% gelatin, 0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot detection against Immunogen.

Gene Info — BAX

Entrez GeneID [581](#)

Gene Name BAX

Gene Alias BCL2L4

Gene Description BCL2-associated X protein

Omim ID [600040](#)

Gene Ontology [Hyperlink](#)

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

Publication Reference

- [Postoperative impairment of cognitive function in rats: a possible role for cytokine-mediated inflammation in the hippocampus.](#)

Wan Y, Xu J, Ma D, Zeng Y, Cibelli M, Maze M.

Anesthesiology 2007 Mar; 106(3):436.

- [Enhancement of tumor response by farnesyltransferase inhibitor in C3H/HeJ hepatocarcinoma.](#)

Kim J, Seong J, Kim SH.

Annals of the New York Academy of Sciences 2004 Dec; 1030:95.

- [A novel metalloprotease from Gloydius halys venom induces endothelial cell apoptosis through its protease and disintegrin-like domains.](#)

You WK, Seo HJ, Chung KH, Kim DS.

Journal of Biochemistry 2003 Nov; 134(5):739.

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](#)