

BAX monoclonal antibody, clone G26-R

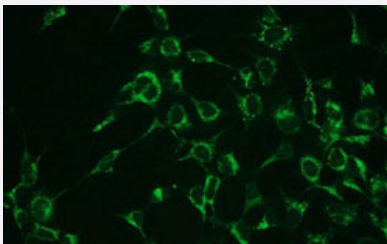
Catalog # MAB15913 Size 50 uL

Applications



Western Blot

Western Blot analysis of Lane 1: mouse brain tissue lysate, Lane 2: rat brain tissue lysate, Lane 3: HEK293 cell lysate and GST-fusion recombinant protein (Lane 4: 100 ng, Lane 5: 200 ng and Lane 6: 500 ng) with BAX monoclonal antibody, clone G26-R (Cat # MAB15913).



Immunocytochemistry

Immunocytochemical staining of HEK293 cells with BAX monoclonal antibody, clone G26-R (Cat # MAB15913) at 1:200 dilution.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human BAX.
Immunogen	A synthetic peptide corresponding to amino acids 13-36 at N-terminus of human BAX.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	EVAC purification

Isotype	IgG
Recommend Usage	ELISA (1:30000-1:50000) Immunocytochemistry Immunoprecipitation Western Blot (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (10 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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- Immunocytochemistry

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- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BAX

Entrez GeneID	581
Protein Accession#	Q07812
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

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](#)