

Bax Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00846
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human BAX. AA range:41-90
Mol wt	21184
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Bax Antibody
Synonyms	BAX; BCL2L4; Apoptosis regulator BAX; Bcl-2-like protein 4; Bcl2-L-4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by BAX 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 (BCL2 associated X, apoptosis regulator) 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 BAX.

Recommended Dilution

WB: 1: 500 - 1: 2000

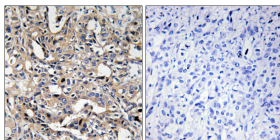
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

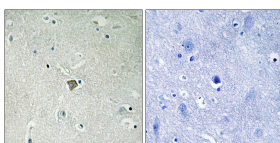
ELISA: 1: 20000

Not yet tested in other applications.

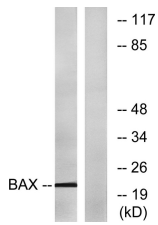
Images



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma, using BAX Antibody. The picture on the right is blocked with the synthesized peptide.



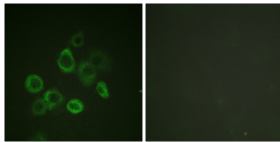
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Bax Antibody. The picture on the right is blocked with the synthesized peptide.



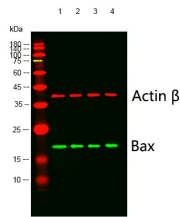
Western blot analysis of lysates from HepG2 cells, using Bax Antibody. The lane on the right is blocked with the synthesized peptide.



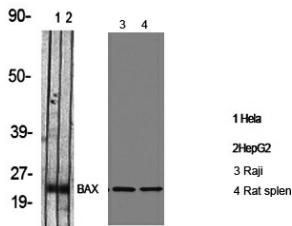
Western Blot analysis of various cells using Bax Polyclonal Antibody diluted at 1:1000



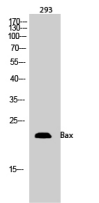
Immunofluorescence analysis of HUVEC cells, using Bax Antibody. The picture on the right is blocked with the synthesized peptide.



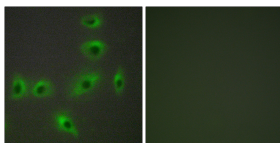
Western blot analysis of lysates from 1) HeLa, 2) HepG2, 3) Raji, 4) Rat splen cells, (Green) primary antibody was diluted at 1:1000, 4° over night, Dylight 800 secondary antibody (Immunoway:RS23920) was diluted at 1:10000, 37° 1 hour. (Red) Actin β Monoclonal Antibody (5B7) (Immunoway:YM3028) antibody was diluted at 1:5000 as loading control, 4° over night, Dylight 680 secondary antibody (Immunoway:RS23710) was diluted at 1:10000, 37° 1 hour.



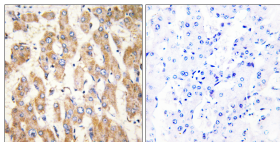
Western Blot analysis of various cells using Bax Polyclonal Antibody



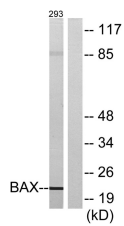
Western Blot analysis of 293 cells using Bax Polyclonal Antibody



Immunofluorescence analysis of HUVEC cells, using BAX Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma, using BAX Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, using BAX Antibody. The lane on the right is blocked with the synthesized peptide.

-20°C for one year

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