

## Bax Antibody

Catalog No: #33327

Package Size: #33327-1 50ul #33327-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

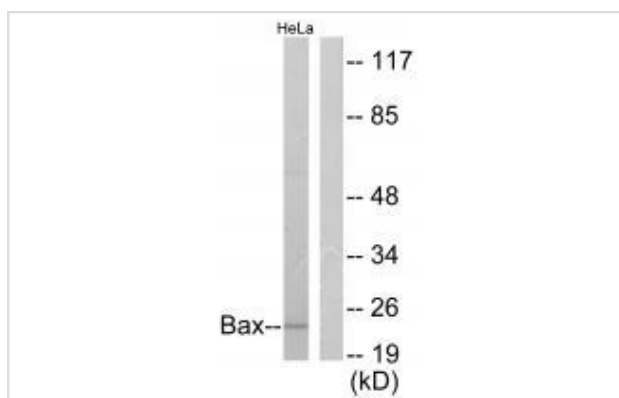
Product Name	Bax Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total Bax protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Bax.
Target Name	Bax
Other Names	Apoptosis regulator BAX; membrane isoform alpha; BAXA; Bcl2-associated X protein;
Accession No.	Swiss-Prot: Q07812NCBI Gene ID: 581/581
SDS-PAGE MW	21kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

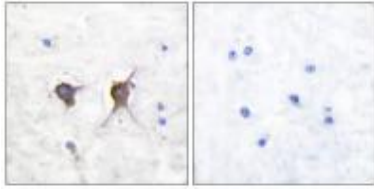
Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from 293 cells, using Bax antibody #33327.

Immunohistochemical analysis of paraffin-embedded human brain tissue using Bax antibody #33327.



## Background

Accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. Under stress conditions, undergoes a conformation change that causes translocation to the mitochondrion membrane, leading to the release of cytochrome c that then triggers apoptosis. Promotes activation of CASP3, and thereby apoptosis.

Francesca Andriani, *J Natl Cancer Inst*, Sep 2001; 93: 1314 - 1324.

H Martinez-Valdez, *J. Exp. Med.*, Mar 1996; 183: 971.

Joslyn K. Brunelle, *J. Biol. Chem.*, Feb 2004; 279: 4305 - 4312.

Renren Wen, *Mol. Cell. Biol.*, Jan 2001; 21: 678 - 689.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.