

Bax Polyclonal Antibody

Catalog No: #40635

Package Size: #40635-1 50ul #40635-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Bax Polyclonal 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;ELISA
Species Reactivity	Human;Mouse;Rat
Specificity	Bax Polyclonal Antibody detects endogenous levels of Bax protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from the Internal region of human Bax.
Conjugates	Unconjugated
Target Name	Bax
Other Names	BAX; BCL2L4; Apoptosis regulator BAX; Bcl-2-like protein 4; Bcl2-L-4
Accession No.	Swiss-Prot: Q07812NCBI Gene ID: 581
Calculated MW	21kDa
SDS-PAGE MW	21kDa
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000.

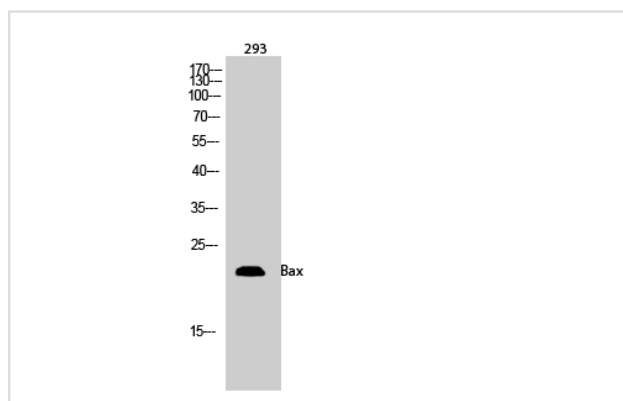
Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

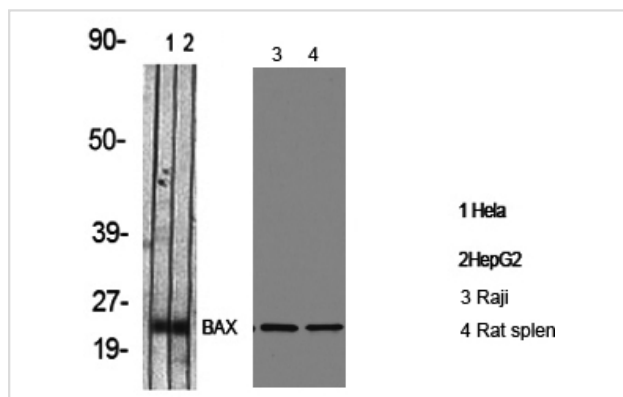
ELISA: 1/20000.

Not yet tested in other applications.

Images



Western Blot analysis of 293 cells using Bax Polyclonal Antibody



Western Blot analysis of HELA HepG2 RAJI RAT-SPLEEN cells using Bax Polyclonal Antibody

Published Papers

el at., Nerve growth factor protects retinal ganglion cells against injury induced by retinal ischemia ζ^* eperfusion in rats. In Growth Factors on 2015 Apr by Qian Chen , Haitao Wang et al..PMID: 25707536, , (2015)

[PMID:25707536](#)

el at., IL-37b alleviates endothelial cell apoptosis and inflammation in Kawasaki disease through IL-1R8 pathway. In Cell Death Dis on 2021 Jun 3 by Chang Jia, Yingzhi Zhuge, et al..PMID:34083516, , (2021)

[PMID:34083516](#)

el at., Human amniotic fluid mesenchymal stem cells attenuate pancreatic cancer cell proliferation and tumor growth in an orthotopic xenograft mouse model. In Stem Cell Res Ther on 2022 Jun 3 by Ying-Cheng Chen, Ying-Wei Lan, et al..PMID: 35659367, , (2022)

[PMID:35659367](#)

el at., Alleviation of Splenic Injury by CB001 after Low-Dose Irradiation Mediated by NLRP3/Caspase-1-BAX/Caspase-3 Axis In Radiat Res On 2023 Dec 29 by Changkun Hu?1?2,?Zebin Liao et al..PMID:?38154483, , (2023)

[PMID:38154483](#)

Hanyu Chen;Qianbei Lin;Yanlin Zeng;Pinliang Chen;Pengpeng Guo;Ruoshui Feng;Zhenyu Guo;Jinhua Kang;Qiucen Chen;Xiaoxiong Zhou el at., Xinyin tablets affect mitophagy and cardiomyocyte apoptosis to alleviate chronic heart failure by regulating histone deacetylase 3(HDAC3)-mediated PTEN induced putative kinase 1(PINK1)/Parkin signaling pathway., , (2025)

[PMID:40122315](#)

el at., Procyanidins inhibit fine particulate matter-induced vascular smooth muscle cells apoptosis via the activation of the Nrf2 signaling pathway. In Ecotoxicol Environ Saf on 2021 Oct 15 by Li-Min Zhang, Shuai-Shuai Lv, et al..PMID:34364126, , (2021)

[PMID:34364126](#)

el at., PLOD2 increases resistance of gastric cancer cells to 5-fluorouracil by upregulating BCRP and inhibiting apoptosis. In Cancer on 2020 Mar 13; by Wang , Guo J, et al..PMID: 32284742, , (2020)

[PMID:32284742](#)

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