



产品详情

Bax(18O3)Rabbit Monoclonal Antibody

产品货号	产品名称	储存条件	保质期
IM68818	Bax(1803)Rabbit Monoclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM68818
别名	BAX;BCL2L4;Apoptosis regulator BAX;Bcl-2-like protein 4;Bcl2-L-4
产品名称	Bax(1803)Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	BAX
蛋白名称	Apoptosis regulator BAX
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, IP, ELISA
反应种属	Human, Mouse, Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	581
Human Swissprot No.	Q07812
Mouse Gene ID	12028
Mouse Swissprot No.	Q07813

Rat Swissprot No.	Q63690
稀释度	IHC-P1:2000-1:5000WB1:1000-1:5000, IF-P/IF-F/IF-ICC1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200
参考分子量	21kDa
预测分子量	21kDa
运输及保存条件	-20℃/1 year (Do not lower than -25℃)
宿主	Rabbit
同种型	Monoclonal, rabbit, IgG, Kappa
背景介绍	The protein encoded by BAX (BCL2 associated X, apoptosis regulator) 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 BAX.
功能	Disease: Defects in BAX are found in some cell lines from hematopoietic malignancies as T-cell acute lymphoblastic leukemia, Burkitt lymphoma, and plasmacytoma. domain: Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2

功能	family. function: Accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. Induces the release of cytochrome c, activation of CASP3, and thereby apoptosis. similarity: Belongs to the Bcl-2 family. subcellular location: Colocalizes with 14-3-3 proteins in the cytoplasm. Under stress conditions, redistributes to the mitochondrion membrane through the release from JNK phosphorylated 14-3-3 proteins. subunit: Homodimer. Forms heterodimers with BCL2, E1B 19K protein, BCL2L1 isoform Bcl-X(L), MCL1 and A1. Interacts with SH3GLB1 and HN. Interacts with SFN and YWHAZ; the interaction occurs in the cytoplasm. Under stress conditions, JNK-mediated phosphorylation of SFN and YWHAZ, releases BAX to mitochondria. Isoform Sigma interacts with BCL2A1 and BCL2L1 isoform Bcl-X(L). tissue specificity: Expressed in a wide variety of tissues. Isoform Psi is found in glial tumors. Isoform Alpha is expressed in spleen, breast, ovary, testis, colon and brain, and at low levels in skin and lung. Isoform Sigma is expressed in spleen, breast, ovary, testis, lung, colon, brain and at low levels in skin. Isoform Alpha and isoform Sigma are expressed in pro-myelocytic leukemia, histiocytic lymphoma, Burkitt's lymphoma, T-cell lymphoma, lymphoblastic leukemia, breast adenocarcinoma, ovary adenocarcinoma, prostate carcinoma, prostate adenocarcinoma, lung carcinoma, epidermoid carcinoma, small cell lung carcinoma and colon adenocarcinoma cell lines.
纯化	Protein A
Clonality	Monoclonal

注意事项:

1. 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
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