

À des fins de recherche uniquement

Anticorps Monoclonal anti-BAX

Numéro de catalogue: 60267-1-Ig

Phare

317 Publications



Informations de base

Numéro de catalogue: 60267-1-Ig	Numéro d'acquisition GenBank: BC014175	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2831 µg/ml by 581 Nanodrop and 1600 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): BCL2-associated X protein	CloneNo.: 4G5E8
Hôte: Mouse	Nom complet: BCL2-associated X protein	Dilutions recommandées: WB 1:5000-1:20000 IHC 1:500-1:2000
Isotype: IgG2b	MW calculé: 21 kDa	
Immunogen Catalog Number: AG21068	MW observés: 21 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

CoIP, ICC, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

canin, Humain, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules COLO 320, cellules HEK-293, cellules HepG2, cellules Neuro-2a, cellules PC-12, cellules ROS1728, tissu testiculaire humain

IHC : tissu de cancer du foie humain,

Informations générales

BAX, also named as BCL2L4, is a pro-apoptotic member of the Bcl-2 protein family, which plays a pivotal role in controlling cell life and death. Bax largely localizes to the cytoplasm of healthy cells, but accumulates on the outer mitochondrial membrane upon apoptosis induction (PMID: 9108035). BAX can commit a cell to apoptosis by translocation from the cytosol to the mitochondria and permeabilization of the outer mitochondrial membrane, which leads to the release of cytochrome c from mitochondria (PMID: 21763611). The expression of BAX is upregulated by the tumor suppressor protein p53, and BAX has been shown to be involved in p53-mediated apoptosis (PMID: 8183579).

Publications notables

Autrice	Pubmed ID	Journal	Application
Qiu-Lin Yan	36209565	Bioorg Chem	WB
Ji Xing	36230734	Cancers (Basel)	WB
Fei Yu	36175965	Chin Med	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

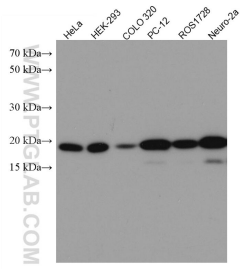
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

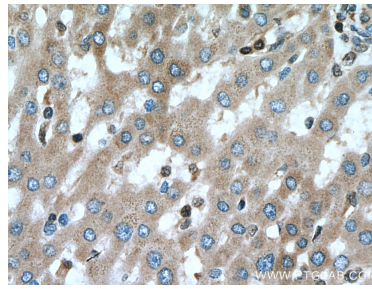
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

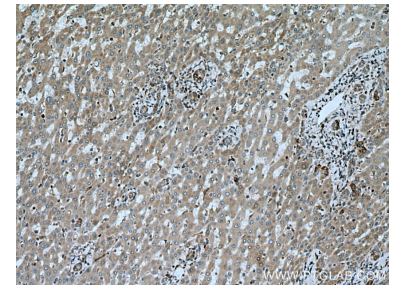
Données de validation sélectionnées



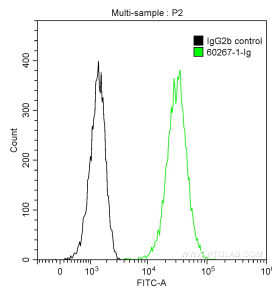
Various lysates were subjected to SDS PAGE followed by western blot with 60267-1-Ig (BAX antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60267-1-Ig (BAX antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60267-1-Ig (BAX antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ MCF-7 cells were stained with 0.2 ug Anti-Human BAX (60267-1-Ig, Clone:4G5E8) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.