

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-BAX



Numéro de catalogue: 50599-2-Ig

Phare

2631 Publications

Informations de base

Numéro de catalogue:

50599-2-Ig

Taille:

150ul, Concentration: 800 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0576

Numéro d'acquisition GenBank:

BC014175

Identification du gène (NCBI):

581

Nom complet:

BCL2-associated X protein

MW calculé

21 kDa

MW observés:

21 kDa

Méthode de purification:

Purification par protéine A

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:1000-1:4000

Applications

Applications testées:

FC, IHC, IP, WB, ELISA

Demandes citées:

chIP, CoIP, FC, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Chèvre, Humain, Lapin, poisson-zèbre, porc, poulet, rat, souris, Hamster

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 HEK-293, cellules COLO 320, cellules HeLa, cellules HT-1080, cellules NIH/3T3, cellules PC-12, cellules Raji, cellules RAW 264.7, tissu cérébral de rat, tissu de côlon de rat, tissu pulmonaire de rat, tissu rénal de rat, tissu rénal de souris

IP : cellules Raji,

IHC : tissu pulmonaire de souris, tissu rénal de souris

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
Xin Shen	36184549	Int Heart J	WB
Xiaoxuan Zhai	36184541	Int Heart J	WB
Ling Guo	34867437	Front Physiol	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.

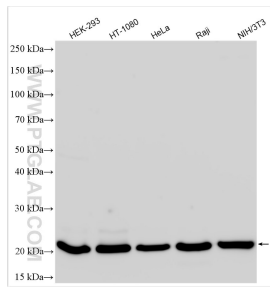
For technical support and original validation data for this product please contact:

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

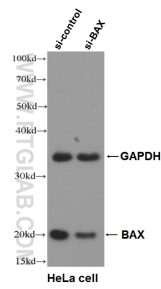
E: proteintech@ptglab.com
W: ptglab.com

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

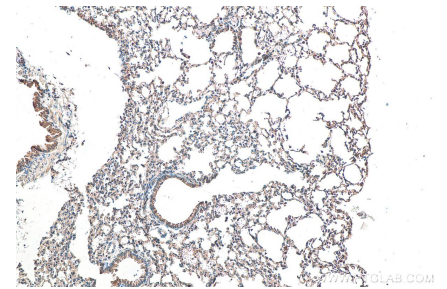
Données de validation sélectionnées



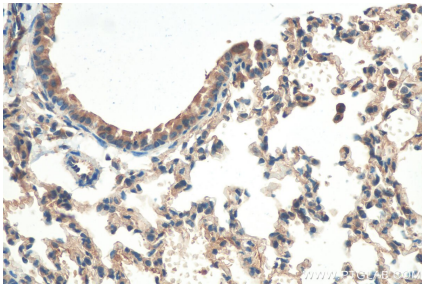
Various lysates were subjected to SDS PAGE followed by western blot with 50599-2-Ig (BAX antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



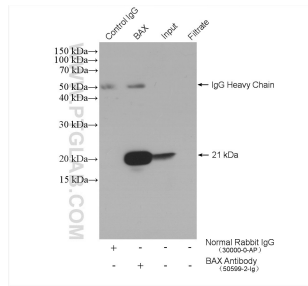
WB result of BAX antibody (50599-2-Ig, 1:5000) with si-Control and si-BAX transfected HeLa cells.



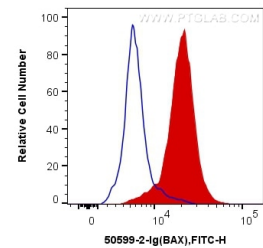
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 50599-2-Ig (BAX antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 50599-2-Ig (BAX antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-BAX (IP:50599-2-Ig, 4ug; Detection:50599-2-Ig 1:1000) with Raji cells lysate 3160 ug.



1×10^6 Ramos cells were intracellularly stained with 0.4 ug Anti-Human BAX (50599-2-Ig) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).