

For Research Use Only

BAX Polyclonal antibody

Catalog Number: 23931-1-AP **46 Publications**



Basic Information

Catalog Number: 23931-1-AP	GenBank Accession Number: BC014175	Purification Method: Antigen affinity purification
Size: 310 µg/ml	GeneID (NCBI): 581	
Source: Rabbit	UNIPROT ID: Q07812	
Isotype: IgG	Full Name: BCL2-associated X protein	
Immunogen Catalog Number: AG21068	Calculated MW: 21 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IHC

Species Specificity:
human

Cited Species:
human, rat, mouse, Bovine

Background Information

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Samana Batool	30274346	Int J Mol Sci	WB
Shan-Shan Jiang	25260879	J Transl Med	WB
Dong Dong	28979677	Am J Transl Res	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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Selected Validation Data