

Recombinant Bax Monoclonal Antibody

catalog number: **AN300976L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

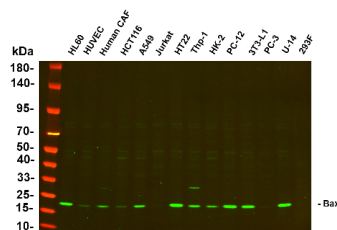
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Bax protein
Host	Rabbit
Isotype	IgG, κ
Clone	B727
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

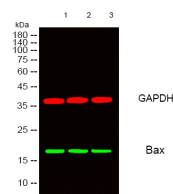
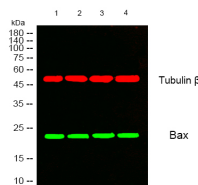
IHC	1:2000-1:5000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200,

Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:2500 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody. Lane1: HL60 Lane2: HUVEC Lane3: Human CAF Lane4: HCT116 Lane5: A549 Lane6: Jurkat Lane7: HT22 Lane8: THP-1 Lane9: HK-2 Lane10: PC-12 Lane11: 3T3-L1 Lane12: PC-3 Lane13: U-14 Lane14: 293F. Predicted band size: 21kDa

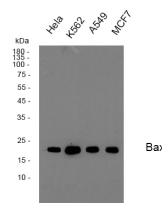
Observed band size: 21kDa



Western blot analysis of lysates from 1) HeLa ,2) MCF-7,3) 3T3 cells, (Green) primary antibody was diluted at 1:1000, 4°C over night, secondary antibody was diluted at 1:10000, 37°C 1hour. (Red) GAPDH Monoclonal Antibody(2B8) antibody was diluted at 1:5000 as loading control, 4°C over night,secondary antibody was diluted at 1:10000, 37°C 1hour.

Observed-MW:21 kDa

Calculated-MW:21 kDa



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Email: techsupport@elabscience.com

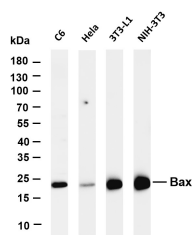
Fax: 1-832-243-6017

Rev. V1.2

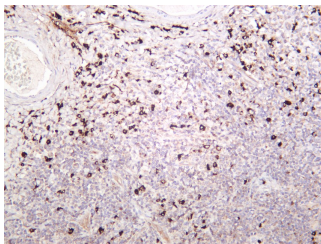
Western blot analysis of lysates from 1) Hela , 2) MCF7 , 3) k562 , 4) A549 cells, (Green) primary antibody was diluted at 1:1000, 4°C over night, secondary antibody was diluted at 1:10000, 37°C 1hour. (Red) Tubulin β Monoclonal Antibody was diluted at 1:5000 as loading control, 4°C over night, secondary antibody was diluted at 1:10000, 37°C 1hour.

Observed-MW:21 kDa

Calculated-MW:21 kDa



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Bax antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: C6 Lane 2: Hela Lane 3: 3T3-L1 Lane 4: NIH-3T3 Predicted band size: 21kDa Observed band size: 21kDa

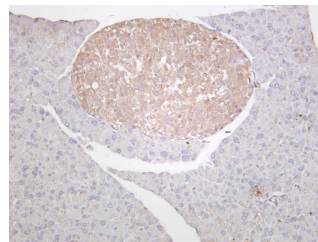


Human tonsil was stained with anti-Bax rabbit antibody

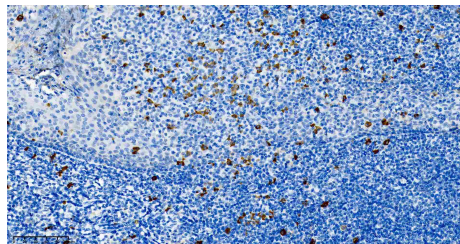
Western blot analysis of Bax Antibody, using Hela, MCF7, k562, A549 cell, 4°C over night, secondary antibody was diluted at 1:10000, 37°C 1hour.

Observed-MW:21 kDa

Calculated-MW:21 kDa



Mouse pancreas was stained with anti-Bax rabbit antibody



Human tonsils was stained with anti-Bax Rabbit antibody

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

Ice bag

Background

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.

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