

Bax (C62) polyclonal antibody

Catalog: BS2538

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The Bcl-2 gene was isolated at the chromosomal break-point of t-bearing follicular B cell lymphomas. Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal. Bcl-2 is localized to outer mitochondrial membranes and endoplasmic reticulum as well as nuclear membranes. A related protein, designated Bax p21 (for Bcl-associated X protein), has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2. Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line, and Bax also counters the death repressor activity of Bcl-2.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 21 kDa

Swiss-Prot:

Q07812

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

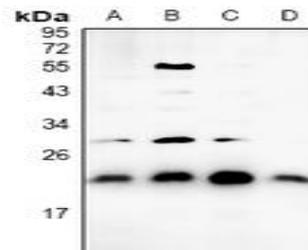
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Bax (C62) polyclonal antibody detects endogenous levels of Bax protein.

DATA:



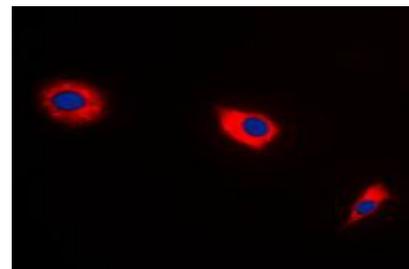
Western blot (WB) analysis of Bax (S4) polyclonal antibody at 1:500 dilution

LaneA:The Brain cord tissue lysate of Mouse(40ug)

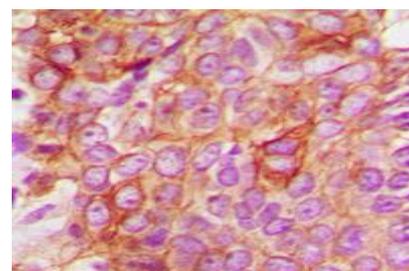
LaneB:The Brain tissue lysate of Rat(40ug)

LaneC:A2780 whole cell lysate(40ug)

LaneD:MCF-7 whole cell lysate(40ug)



Immunofluorescence analysis of A549 cells using Bax (C62) pAb at dilution of 1:50.



Immunohistochemistry (IHC) analyzes of Bax (C62) pAb in paraffin-embedded human breast cancer tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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