

Bax (S4) polyclonal antibody

Catalog: BCP00268

Host: Rabbit

Reactivity: Human

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

IP: 1:50~1:200

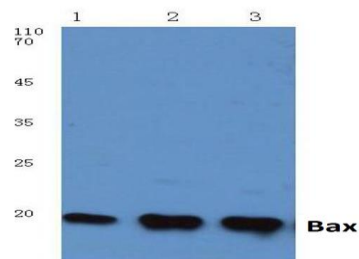
Storage&Stability:

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

Specificity:

Bax (S4) polyclonal antibody detects endogenous levels of Bax protein.

DATA:

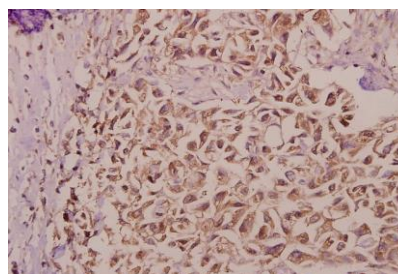


Western blot (WB) analysis of Bax (S4) polyclonal antibody at 1:500 dilution

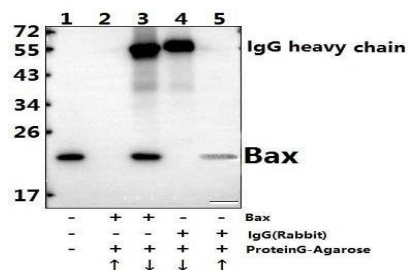
Lane1:A549 whole cell lysate(40ug)

Lane2:K562 whole cell lysate(40ug)

Lane3:MCF-7 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Bax (S4) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.



Immunoprecipitation of A549 cell lysates using Bax (S4) pAb (Sepharose Bead Conjugate)#BD0048 (lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane 4 and lane 5). Lane 1 is 30% input. The western blot was probed using Bax (S4) pAb.

Note:

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