Bcl-X (S56) polyclonal antibody

Catalog: BCP00277 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

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. Bcl-x, one of several additional proteins with sequence homology to Bcl-2, is expressed as Bcl-xL, a 233 amino acid protein with 43% sequence identity with Bcl-2 that suppresses cell death, and Bcl-xS, a shorter variant that is 178 amino acids in length and lacks a 63 amino acid region (amino acids 126-188) found in Bcl-xL and which functions as a dominant inhibitor of Bcl-2. A further apoptosis-inducing protein, Bad, dimerizes both with Bcl-xL and to a lesser extent with Bcl-2, thus displacing Bax and inducing apoptosis

Product:

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

Molecular Weight:

~ 26 kDa

Swiss-Prot:

Q07817

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: 1:50~1:150

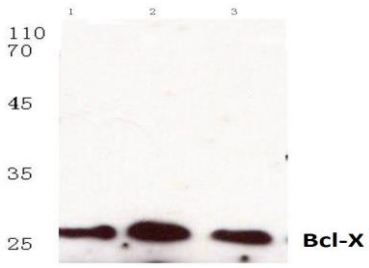
Storage&Stability:

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

Specificity:

BCL-X (S56) polyclonal antibody detects endogenous levels of BCL-XL protein, and also detects Isoform Bcl-XS (19 KDa).

DATA:

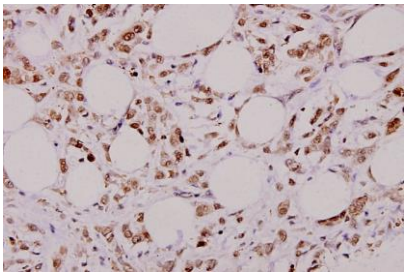


Western blot (WB) analysis of Bcl-X (S56) polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:Hela treated with H2O2 (100nmol/ml, 25min, phostop) whole cell lysate (40ug)

Lane3:Hela treated with H2O2 (100nmol/ml, 25min, λ-ppase) whole cell lysate (40ug)



Immunohistochemistry (IHC) analyzes of Bcl-X (S56) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

Complex biotech, co. Ltd.
Add：No 9, weidi road Qixia District Nanjing, 210046, P. R. China.