

## Bcl-X (S56) polyclonal antibody

Catalog: BS1032

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:

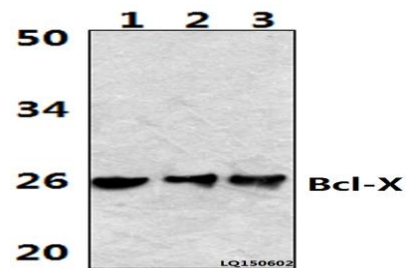
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

BCL-X (S56) polyclonal antibody detects endogenous

levels of BCL-XL protein, and also detects Isoform Bcl-XS (19 KDa).

### DATA:

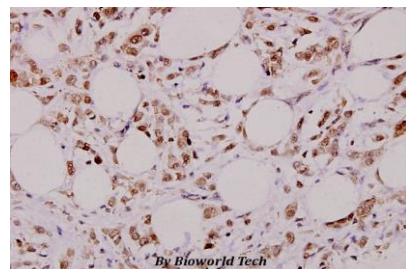


Western blot (WB) analysis of Bcl-X (S56) polyclonal antibody at 1:500 dilution

Lane1:HeLa whole cell lysate(40ug)

Lane2:HeLa treated with H2O2 (100nmol/ml, 25min, postop) 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.

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