

Product datasheet for AP01538PU-S

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OriGene Technologies, Inc.

Bcl-2-like 1 (Bcl-xL, pSer62) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, IHC, WB

Recommended Dilution: ELISA: 1:10000~1:20000.

WB: 1:500~1:1000. IHC: 1:50~1:200.

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Specificity: p-BCL-XL (pSer62) antibody detects endogenous levels of BCL-XL protein.

Formulation: Phosphate buffered saline (PBS), pH 7.2 with 0.02% Sodium Azide, 50% Glycerol

Concentration: 1,0 mg/ml

Purification: Affinity chromatography

Conjugation: Unconjugated

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: BCL2 like 1

Database Link: Entrez Gene 598 Human

Q07817





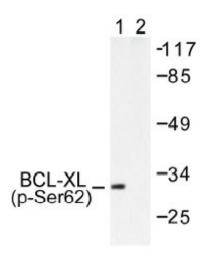
Background:

The Bcl-2 gene was isolated at the chromosomal breakpoint of t(14;18) 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. A second protein, designated Bclassociated X protein (Bax) p21, has extensive amino acid homology with Bcl-2 and both homodimerizes and heterodimerizes 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. 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.

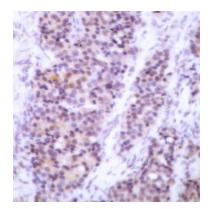
Synonyms:

Bcl2-L-1, BCL2L1, BCL2L, BCLX, Bcl-x, bcl-xL, bcl-xS, Bcl-2-like protein 1

Product images:



Western blot (WB) analysis of p-BCL-XL (pSer62) antibody in extracts from 293 cells treated with UV.



Immunohistochemistry (IHC) analyzes of p-BCL-XL (pSer62) antibody in paraffin-embedded human breast carcinoma tissue.