

Bcl-2 Polyclonal Antibody

Catalog: BS65629

Host: Rabbit

Reactivity: Human, Mouse, Rat,

BackGround:

The Bcl-2 gene was isolated at the chromosomal break-point of t(14;18)-bearing follicular B cell lymphomas(1,2).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 (3,5).Bcl-2 appears to function in several subcellular locations yet lacks any known motifs that would confer insight into its mechanism of action (6,7).A more recently identified protein,designated Bax p21(i.e., Bcl-associated X protein),has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2(8). 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(8).

Product:

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

Molecular Weight:

~ 28 kDa

Swiss-Prot:

P10415

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/ICC,1:50 - 1:200

Storage&Stability:

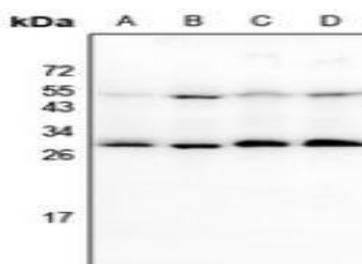
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

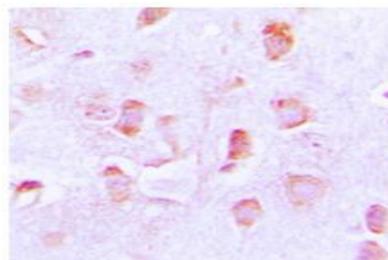
Bcl-2 Polyclonal Antibody detects endogenous levels of

Bcl-2 protein.

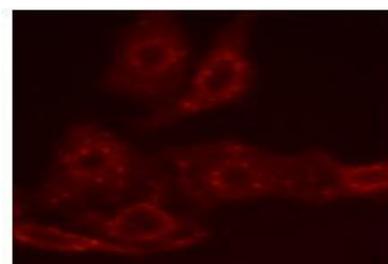
DATA:



Western blot analysis of BCL2 expression in H9C2 (A), CT26 (B), MCF7 (C), HepG2 (D) whole cell lysates.



Immunohistochemical analysis of BCL2 staining in human brain formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of BCL2 staining in HepG2 cells.

Note:

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

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