

## BCL2 polyclonal antibody

Catalog: BS70205

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Bcl-2 is one among many key regulators of apoptosis which are essential for proper development, tissue homeostasis and protection against foreign pathogens. Human Bcl-2 is a 26 kDa, membrane-associated, anti-apoptotic oncoprotein that can promote cell survival through protein-protein interactions with other Bcl-2 related family members, such as the death suppressors Bcl-xL, Mcl-1, Bcl-w and A1, or the death agonists Bax, Bak, Bik, Bad and BID. The anti-apoptotic function of Bcl-2 can also be regulated through proteolytic processing and phosphorylation. Bcl-2 may promote cell survival by interfering with the activation of the cytochrome c/Apaf-1 pathway through stabilization of the mitochondrial membrane.

### Product:

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

### Molecular Weight:

~ 26 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 - 1:100

IF 1:50 - 1:100

IP 1:50 - 1:100

### Storage&Stability:

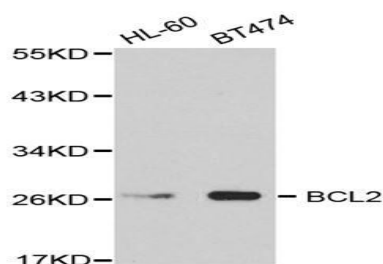
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

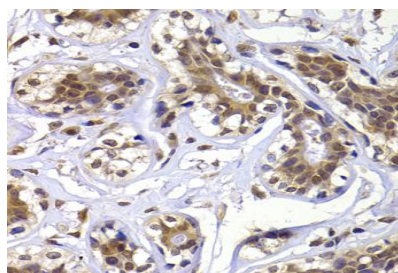
BCL2 polyclonal antibody detects endogenous levels of

BCL2 protein.

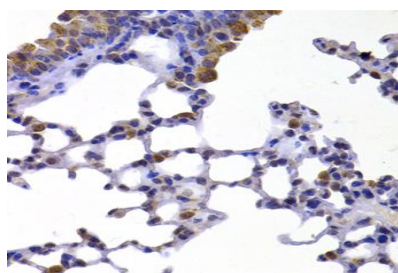
### DATA:



Western blot analysis of extracts of various cell lines using BCL2 antibody.



Immunohistochemistry of paraffin-embedded human breast using BCL2 antibody at dilution of 1:100 (x40 lens).



Immunohistochemistry of paraffin-embedded human stomach using BCL2 antibody at dilution of 1:100 (x40 lens).

### Note:

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

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