

## Bax polyclonal antibody

Catalog: BS79706

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.5.

### Molecular Weight:

~ 20 kDa

### Swiss-Prot:

Q07812

### 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, 1:100 - 1:200 | IF/ICC, 1:100 - 1:500

### Storage&Stability:

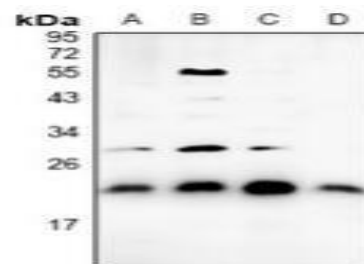
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

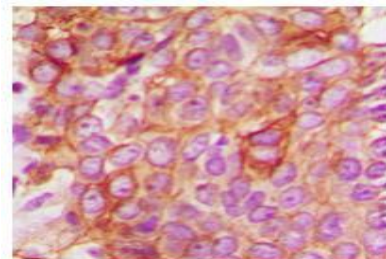
Bax polyclonal antibody detects endogenous levels of

Bax protein.

### DATA:



Western blot analysis of BAX expression in mouse brain (A), rat brain (B), A2780 (C), MCF7 (D) whole cell lysates.



Immunohistochemical analysis of BAX staining in human breast cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of BAX staining in A549 cells.

### Note:

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

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