

## Bax(Phospho-Ser184) polyclonal antibody

Catalog: BS65142

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

The protein encoded by BAX (BCL2 associated X, apoptosis regulator) 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 BAX.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Molecular Weight:

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### Swiss-Prot:

Q07812

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications:

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

### Storage&Stability:

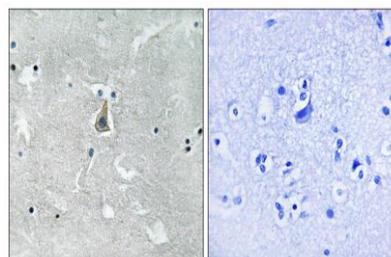
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

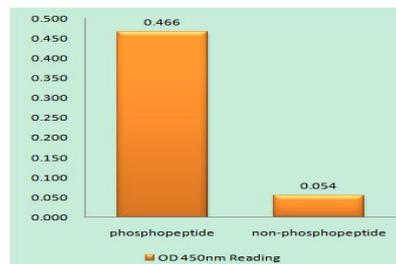
### Specificity:

Phospho-Bax (S184) Polyclonal Antibody detects endogenous levels of Bax protein only when phosphorylated at S184.

### DATA:



Immunohistochemistry analysis of paraffin-embedded human brain, using Bax (Phospho-Ser184) Antibody. The picture on the right is blocked with the phospho peptide.



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immuno-Gen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Bax (Phospho-Ser184) Antibody

### Note:

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

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