

Bax (phospho Ser184) Polyclonal Antibody

Catalog No: #14051

Package Size: #14051-1 50ul #14051-2 100ul

Description

Product Name	Bax (phospho Ser184) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Bax (S184) Polyclonal Antibody detects endogenous levels of Bax protein only when phosphorylated at S184.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Bax around the phosphorylation site of Ser184. AA range:143-192
Conjugates	Unconjugated
Other Names	BAX; BCL2L4; Apoptosis regulator BAX; Bcl-2-like protein 4; Bcl2-L-4
Accession No.	Swiss Prot:Q07812GeneID:581
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

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

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.