

Polyclonal Antibody to Bax - Serum

Alternate names:	Apoptosis regulator BAX, BCL2-associated X protein, BCL2L4, Bcl-2-like protein 4, Bcl2-L-4
Catalog No.:	SP1157S
Quantity:	20 µl
Background:	Bax protein is a proapoptotic member of the Bcl-2 family. BAX accelerates programmed cell death by binding to and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. It also induces the release of cytochrome C , activation of CASP3 and thereby apoptosis. Defects in BAX are found in some cell lines from hematopoietic malignancies as T-cell acute lymphoblastic leukemia, Burkitt lymphoma, and plasmacytoma.
Uniprot ID:	Q07812
NCBI:	9606
GeneID:	581
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide corresponding to amino acids 43-61 of human Bax.
Format:	State: Liquid serum containing 0.09% Sodium Azide
Applications:	Western Blot. Immunoprecipitation: 1/1000. Immunohistochemistry on paraffin sections: 1/1000 - 1/2000; this product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Recommended Positive Control: Normal Breast Tissue. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the Bax protein. Bax migrates as a 21kD band when detected by this antibody in immunoblotting applications. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Krajewski S, Blomqvist C, Franssila K, Krajewska M, Wasenius VM, Niskanen E, et al. Reduced expression of proapoptotic gene BAX is associated with poor response rates to combination chemotherapy and shorter survival in women with metastatic breast adenocarcinoma. Cancer Res. 1995 Oct 1;55(19):4471-8. PubMed PMID: 7671262.