Bax (Phospho-Thr167) Antibody

Catalog No: #11680

Package Size: #11680-1 50ul #11680-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

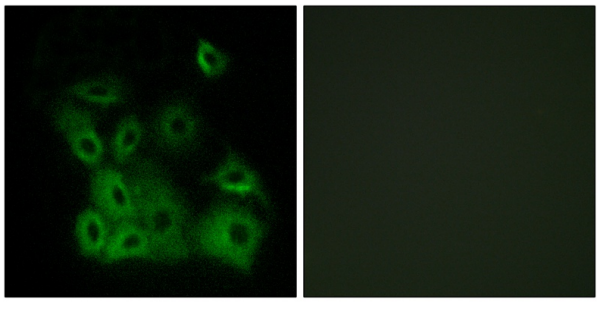
Description

Product Name	Bax (Phospho-Thr167) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of Bax only when phosphorylated at threonine 167.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine167 (P-G-T(p)-P-T) derived from Human Bax.
Target Name	Bax
Modification	Phospho
Other Names	BAXA; Apoptosis regulator BAX; membrane isoform alpha; Bcl2-associated X protein;
Accession No.	Swiss-Prot#: Q07812; NCBI Gene#: 581; NCBI Protein#: NP_620116.1.
Uniprot	Q07812
GeneID	581;
SDS-PAGE MW	21kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Immunofluorescence: 1:100~1:200

Images



Immunofluorescence staining of methanol-fixed A549 cells using Bax (Phospho-Thr167) Antibody #11680.

Background

Accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. Under stress conditions, undergoes a conformation change that causes translocation to the mitochondrion membrane, leading to the release of cytochrome c that then triggers apoptosis. Promotes activation of CASP3, and thereby apoptosis.

Francesca Andriani. J Natl Cancer Inst, Sep 2001; 93: 1314 - 1324.

H Martinez-Valdez. J. Exp. Med., Mar 1996; 183: 971.

Joslyn K. Brunelle. J. Biol. Chem., Feb 2004; 279: 4305 - 4312.

Note: This product is for in vitro research use only