

Bax (Ab-167) Antibody

Catalog No: #33148

Package Size: #33148-1 50ul #33148-2 100ul

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

Description

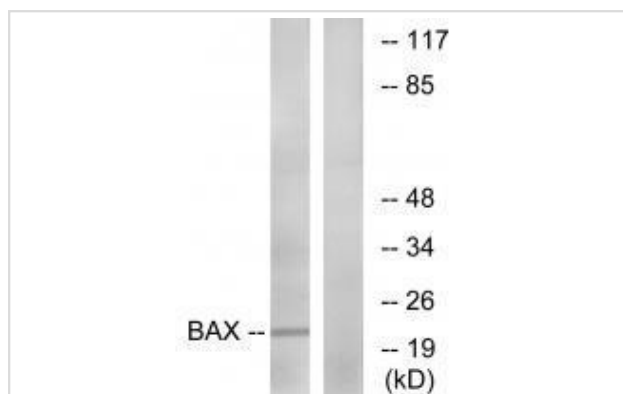
Product Name	Bax (Ab-167) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total Bax protein
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human Bax around the phosphorylation site of threonine 167 (F-G-T(p)-P-T).
Target Name	Bax
Other Names	Apoptosis regulator BAX; membrane isoform alpha; BAXA; Bcl2-associated X protein;
Accession No.	Swiss-Prot: Q07812NCBI Gene ID: 581
Uniprot	Q07812
GeneID	581;
SDS-PAGE MW	21kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

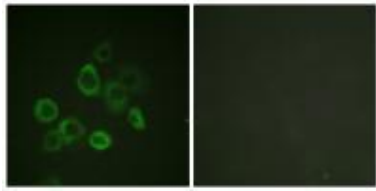
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from HepG2 cells, using Bax (Ab-167) antibody #33148.

Immunofluorescence analysis of LOVO cells, using Bax (Ab-167) antibody #33148.



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.

Oltvai Z.N., Cell 74:609-619(1993).

Cuddeback S.M., J. Biol. Chem. 276:20559-20565(2001).

Guo B., Nature 423:456-461(2003)

Note: This product is for in vitro research use only