

Bak Antibody

Catalog No: #33326

Package Size: #33326-1 50ul #33326-2 100ul

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

Description

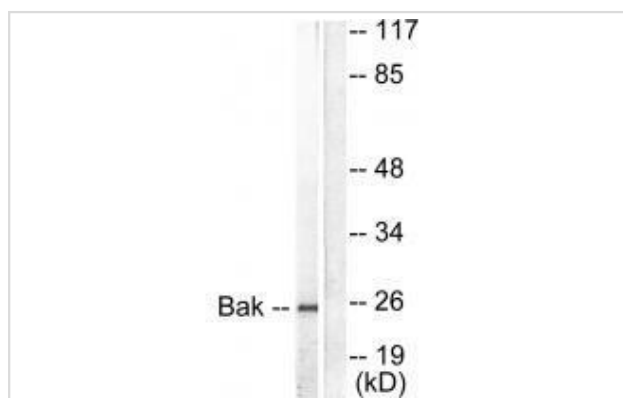
Product Name	Bak Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Bak protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Bak.
Target Name	Bak
Other Names	Bcl-2 homologous antagonist/killer; Apoptosis regulator BAK; Bcl-2-like 7 protein; BAK1; BAK
Accession No.	Swiss-Prot: Q16611NCBI Gene ID: 578
SDS-PAGE MW	25kd
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

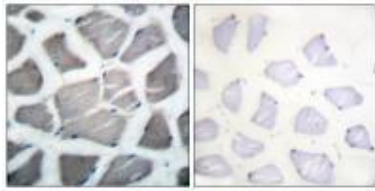
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 293 cells, using Bak antibody #33326.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using Bak antibody #33326.

Background

In the presence of an appropriate stimulus, accelerates programmed cell death by binding to, and antagonizing the anti-apoptotic action of BCL2 or its adenovirus homolog E1B 19k protein. Low micromolar levels of zinc ions inhibit the promotion of apoptosis.

Takuma Uo, J. Biol. Chem., Mar 2005; 280: 9065 - 9073.

Pierre-François Cartron, Mol. Cell. Biol., Jul 2003; 23: 4701 - 4712.

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

Neil A. Jones, Mol. Pharmacol., May 1998; 53: 819.

Published Papers

el at., IFN- γ restores the impaired function of RNase L and induces mitochondria-mediated apoptosis in lung cancer. In Cell Death Dis on 2019 Sep 9 by Huijing Yin, Zhengyu Jiang, et al..PMID: 31501431, , (2019)

[PMID:31501431](#)

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