

Bak Rabbit pAb

Catalog No.: A0204 **4 Publications**

Basic Information

Catalog No.

A0204

Observed MW

25KDa

Calculated MW

16kDa/23kDa

Category

Primary antibody

Applications

WB, IF, IP

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IF	1:50 - 1:200
IP	1:50 - 1:200

Contact

 | www.abclonal.com

Background

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress.

Immunogen Information

Gene ID	Swiss Prot
578	Q16611

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 62-112 of human Bak (NP_001179.1).

Synonyms

BAK1;BAK;BAK-LIKE;BCL2L7

Product Information

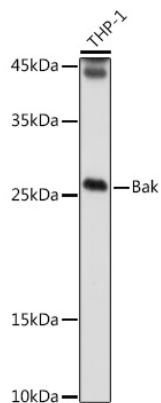
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

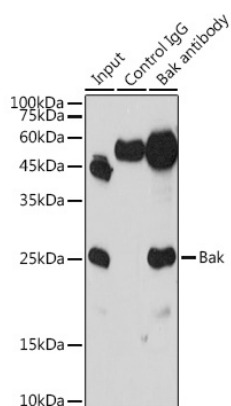
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

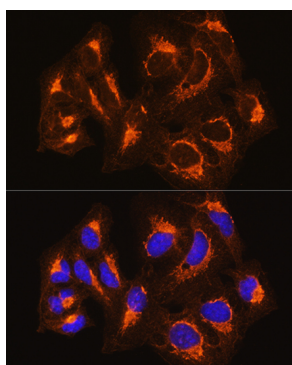
Validation Data



Western blot analysis of extracts of THP-1 cells, using Bak antibody (A0204) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunoprecipitation analysis of 300ug extracts of THP-1 cells using 3ug Bak antibody (A0204).
Western blot was performed from the immunoprecipitate using Bak antibody (A0204) at a dilution of 1:1000.



Immunofluorescence analysis of U2OS cells using Bak Rabbit pAb (A0204) at dilution of 1:100. Blue: DAPI for nuclear staining.