

Bak Rabbit Polyclonal Antibody



CAB0204

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

26kDa

Calculated MW:

16kDa/23kDa

Applications:

WB IF IP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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:

578

Uniprot

Q16611

Synonyms:

BAK1; BAK; BAK-LIKE; BCL2L7

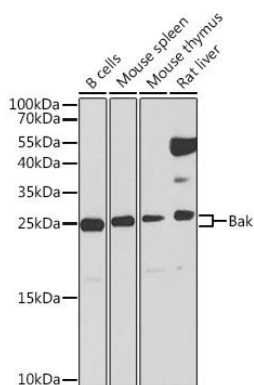
Immunogen:

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

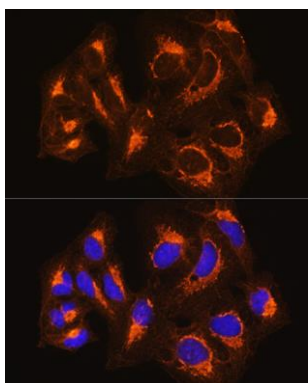
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

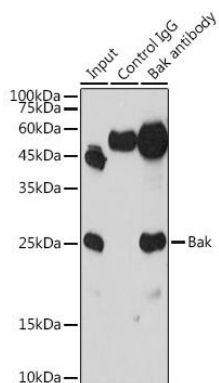
Product Images



Western blot analysis of extracts of various cell lines, using Bak Antibody (CAB0204) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunofluorescence analysis of U2OS cells using Bak Rabbit pAb (CAB0204) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300ug extracts of THP-1 cells using 3ug Bak antibody (CAB0204). Western blot was performed from the immunoprecipitate using Bak antibody (CAB0204) at a dilution of 1:1000.