



# Bak rabbit pAb

Cat No.:ES1746

For research use only

## Overview

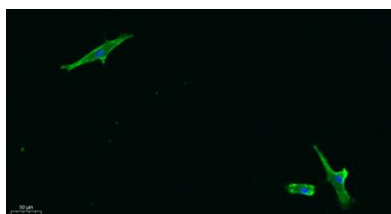
|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | Bak rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;IHC;IF;ELISA  |
| <b>Species Cross-Reactivity</b> | Human;Mouse  |
| <b>Recommended dilutions</b>    | Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300<br>ELISA: 1/20000. IF 1:100-300 Not yet tested in other applications.   |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from human Bak. AA range:1-50   |
| <b>Specificity</b>              | Bak Polyclonal Antibody detects endogenous levels of Bak protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Bcl-2 homologous antagonist/killer   |
| <b>Gene Name</b>                | BAK1   |
| <b>Cellular localization</b>    | Mitochondrion outer membrane ; Single-pass membrane protein .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            | 25kD   |
| <b>Human Gene ID</b>            | 578  |
| <b>Human Swiss-Prot Number</b>  | Q16611   |
| <b>Alternative Names</b>        | BAK1; BAK; BCL2L7; CDN1; Bcl-2 homologous antagonist/killer; Apoptosis regulator BAK; Bcl-2-like protein 7; Bcl2-L-7   |
| <b>Background</b>               | 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 |



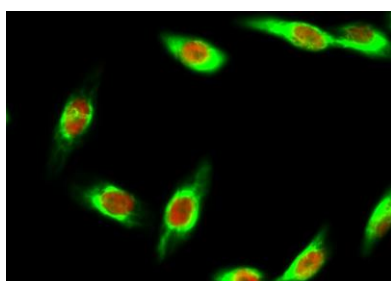


variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress. [provided by RefSeq, Jul 2008],

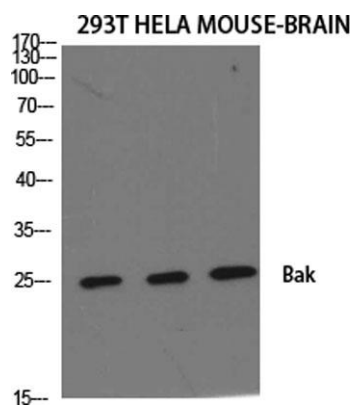
Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



Immunofluorescence analysis of Hela cell. 1,Bak Polyclonal Antibody(green) was diluted at 1:200(4° overnight). (red) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 Catalog:RS3211 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 594 Catalog:RS3608 was diluted at 1:1000(room temperature, 50min).



Western Blot analysis of various cells using Bak Polyclonal Antibody diluted at 1:500





**ELK Biotechnology**



Western Blot analysis of 293 cells using Bak Polyclonal  
Antibody diluted at 1:500



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C