

## Rabbit anti-Human, mouse Bak Polyclonal Antibody | anti-BAK1 antibody

Bak Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA284289 | Rabbit | Human, mouse | Immunohistochemistry, ELISA, Western Blot |

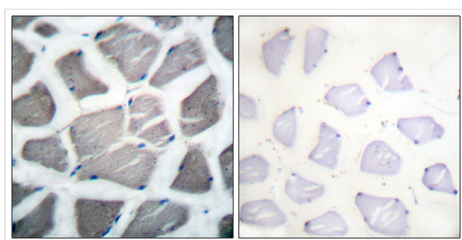
### PRODUCT SYNONYMS

Bak; Polyclonal Antibody; Bak Antibody; Bcl-2 homologous antagonist/killer; Apoptosis regulator BAK; Bcl-2-like protein 7; Bcl2-L-7; BAK1; BAK; BCL2L7; CDN1; anti-BAK1 antibody

### PRODUCT SPECIFICATIONS

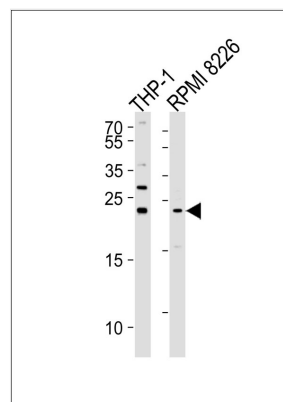
|                                                |                                                                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                 |
| Reactivity                                     | Human, mouse                                                                                                                                           |
| Clonality                                      | Polyclonal                                                                                                                                             |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                              |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.     |
| Sequence Positions                             | 1-30                                                                                                                                                   |
| Sequence Length                                | 153                                                                                                                                                    |
| Applicable Applications for anti-BAK1 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                   |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                      |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

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



#### WB (Western Blot)

Western blot analysis of lysates from THP-1, RPMI 8226 cell line (from left to right), using Bak Antibody (C0131). C0131 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BAK1 antibody | 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.     |
| Product Categories/Family for anti-BAK1 antibody   | Cell Biology                                                                                                                                                                                                                                                           |
| References                                         | Farrow S.N.,et al.Nature 374:731-733(1995).<br>Chittenden T.,et al.Nature 374:733-736(1995).<br>Kiefer M.C.,et al.Nature 374:736-739(1995).<br>Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.<br>Mungall A.J.,et al.Nature 425:805-811(2003). |

NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 4502363                            |
| NCBI GeneID                      | 578                                |
| NCBI Accession #                 | NP_001179.1                        |
| NCBI GenBank Nucleotide #        | NM_001188.3                        |
| UniProt Accession #              | Q16611; Q6I9T6; Q92533; C0H5Y7     |
| Molecular Weight                 | 23409                              |
| NCBI Official Full Name          | bcl-2 homologous antagonist/killer |
| NCBI Official Synonym Full Names | BCL2-antagonist/killer 1           |
| NCBI Official Symbol             | BAK1                               |
| NCBI Official Synonym Symbols    | BAK; CDN1; BCL2L7; BAK-LIKE        |
| NCBI Protein Information         | bcl-2 homologous antagonist/killer |
| UniProt Protein Name             | Bcl-2 homologous antagonist/killer |
| UniProt Gene Name                | BAK1                               |
| UniProt Synonym Gene Names       | BAK; BCL2L7; CDN1; Bcl2-L-7        |
| UniProt Entry Name               | BAK_HUMAN                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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