

## Rabbit anti-Human BAK Polyclonal Antibody | anti-BAK1 antibody

Anti-BAK Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA104870 | Rabbit | Human      | Immunohistochemistry, Western Blot |

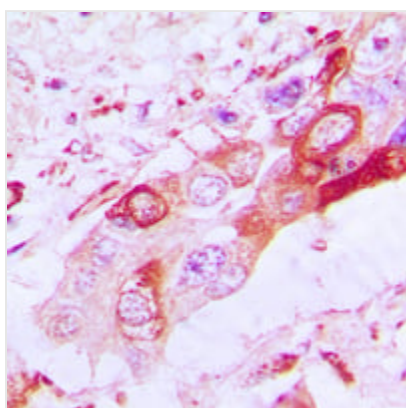
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

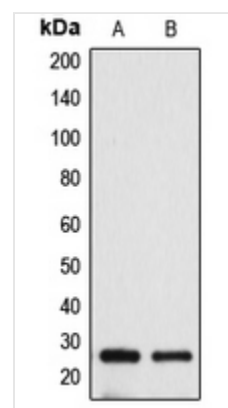
|                                                |                                                                                                                                    |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                             |
| Reactivity                                     | Human                                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                         |
| Specificity                                    | Recognizes endogenous levels of BAK protein.                                                                                       |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                    |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                          |
| Sequence Length                                | 211                                                                                                                                |
| Applicable Applications for anti-BAK1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                      |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BAK. The exact sequence is proprietary. |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                     |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of BAK staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of BAK expression in HeLa (A), A431 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                                   |
|----------------------------------------------------|-----------------------------------|
| Related Product Information for anti-BAK1 antibody | Rabbit polyclonal antibody to BAK |
|----------------------------------------------------|-----------------------------------|

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                 | 16,872 Da                                                                                                                                   |
| 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; bcl2-L-7; BCL2-like 7 protein; bcl-2-like protein 7; apoptosis regulator BAK; pro-apoptotic protein BAK |
| UniProt Protein Name             | Bcl-2 homologous antagonist/killer                                                                                                          |
| UniProt Gene Name                | <b>BAK1</b>                                                                                                                                 |
| 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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