

## Rabbit anti-Human, Mouse Bax Polyclonal Antibody | anti-Bax antibody

Bax (Ab-167) Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                     |
|-----------|--------|--------------|----------------------------------|
| AAA304860 | Rabbit | Human, Mouse | Immunofluorescence, Western Blot |

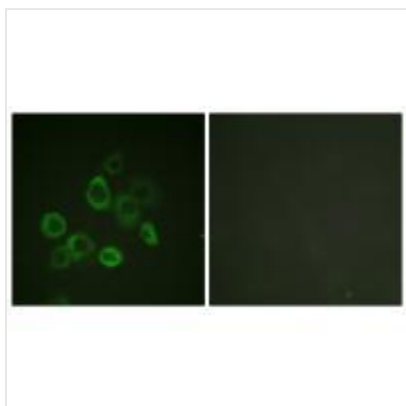
### PRODUCT SYNONYMS

Bax; Polyclonal Antibody; Bax (Ab-167) Antibody; Apoptosis regulator BAX; membrane isoform alpha; BAXA; Bcl2-associated X protein; anti-Bax antibody

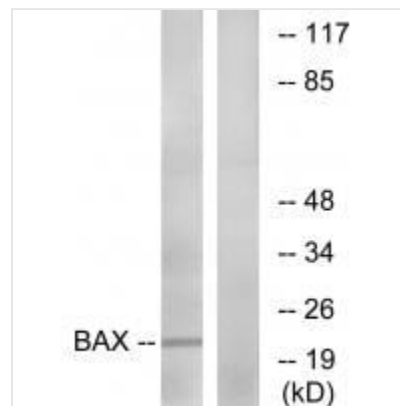
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                    |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                             |
| Reactivity                                    | Human, Mouse                                                                                                                                       |
| Clonality                                     | Polyclonal                                                                                                                                         |
| Specificity                                   | The antibody detects endogenous levels of total Bax protein                                                                                        |
| Purity/Purification                           | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| 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. |
| Concentration                                 | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                               | 221                                                                                                                                                |
| Applicable Applications for anti-Bax antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                         |
| Immunogen Type                                | Peptide                                                                                                                                            |
| Immunogen Description                         | Synthesized non-phosphopeptide derived from human Bax around the phosphorylation site of threonine 167 (F-G-T(p)-P-T).                             |
| Target Name                                   | Bax                                                                                                                                                |
| Preparation and Storage                       | Store at -20 degree C                                                                                                                              |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of LOVO cells, using Bax (Ab-167) antibody.


**WB (Western Blot)**

Western blot analysis of extracts from HepG2 cells, using Bax (Ab-167) antibody.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Bax antibody | Accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. Under stress conditions, undergoes a conformation change that causes translocation to the mitochondrion membrane, leading to the release of cytochrome c that then triggers apoptosis. Promotes activation of CASP3, and thereby apoptosis.Oltvai Z.N., Cell 74:609-619(1993).Cuddeback S.M., J. Biol. Chem. 276:20559-20565(2001).Guo B., Nature 423:456-461(2003) |
| Product Categories/Family for anti-Bax antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 612149787                                                                              |
| NCBI GeneID                      | 581                                                                                    |
| NCBI Accession #                 | NP_001278357.1                                                                         |
| NCBI GenBank Nucleotide #        | NM_001291428.1                                                                         |
| UniProt Accession #              | Q07812; P55269; Q07814; Q07815; Q8WZ49; Q9NR76; Q9NYG7; Q9UCZ6; Q9UCZ7; Q9UQD6; A8K4W1 |
| Molecular Weight                 | 19,718 Da                                                                              |
| NCBI Official Full Name          | apoptosis regulator BAX isoform 1                                                      |
| NCBI Official Synonym Full Names | BCL2-associated X protein                                                              |
| NCBI Official Symbol             | BAX                                                                                    |
| NCBI Official Synonym Symbols    | BCL2L4                                                                                 |
| NCBI Protein Information         | apoptosis regulator BAX                                                                |
| UniProt Protein Name             | Apoptosis regulator BAX                                                                |
| UniProt Gene Name                | BAX                                                                                    |
| UniProt Synonym Gene Names       | BCL2L4; Bcl2-L-4                                                                       |
| UniProt Entry Name               | BAX_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bax-antibody-immunofluorescence-western-blot-elisa/304860>