

## Anti-Bax Rabbit pAb



WL01637

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

|                              |                                                              |               |  |
|------------------------------|--------------------------------------------------------------|---------------|--|
| <b>Product name</b>          | Anti-Bax Rabbit pAb                                          |               |  |
| <b>Source</b>                | Rabbit                                                       |               |  |
| <b>Species reactivity</b>    | Human, Rat, Mouse, Rabbit                                    |               |  |
| <b>Tested applications</b>   | WB                                                           | 1:1000-1:2000 |  |
|                              | IHC                                                          | 1:300         |  |
|                              | IF                                                           | 1:300-1:500   |  |
| <b>Cellular localization</b> | Cytoplasm and Mitochondrion membrane                         |               |  |
| <b>Pack size</b>             | 50/100/200/500/1000µl                                        |               |  |
| <b>Storage</b>               | Store at -20°C. <b>Avoid freeze/thaw cycles.</b>             |               |  |
| <b>Storage buffer</b>        | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml |               |  |
|                              | BSA, 50% glycerol and less than 0.02% sodium azide           |               |  |

## General Information

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background</b>   | The Bax encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. Bax forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. |
| <b>Immunogen</b>    | Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Bax.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purification</b> | Polyclonal antibody was purified by protein A affinity chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

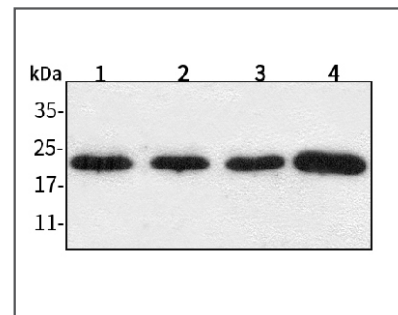
## Anti-Bax Rabbit pAb



WL01637

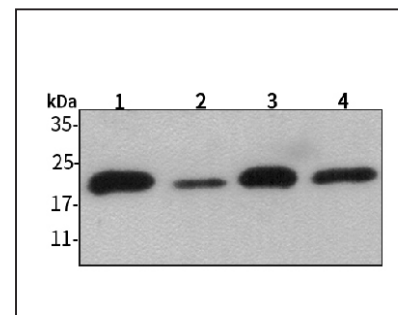
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## Product Images



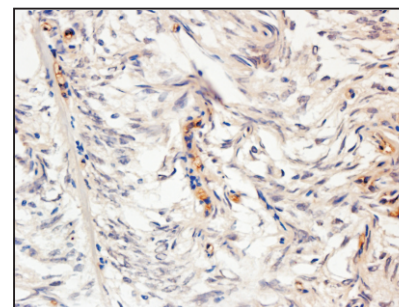
## Western blot-Anti-Bax pAb

Lane 1: Human HepG2 cell lysate  
 Lane 2: Human Hela cell lysate  
 Lane 3: Human BGC-823 cell lysate  
 Lane 4: Human MGC-803 cell lysate  
 All lanes: Anti-Bax at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 21 kDa  
 Observed band size: 21 kDa



## Western blot-Anti-Bax pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse heart tissue lysate  
 Lane 3: Rat liver tissue lysate  
 Lane 4: Rat brain lysate  
 All lanes: Anti-Bax at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 21 kDa  
 Observed band size: 21 kDa



## Immunohistochemistry-Anti-Bax pAb

Immunohistochemical analysis of paraffin-embedded human brain using anti-Bax Rabbit Antibody at 1:250 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

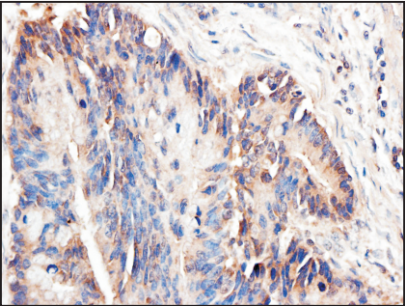
Anti-Bax Rabbit pAb



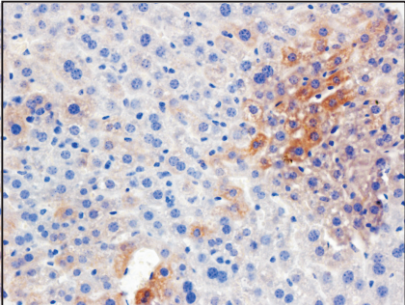
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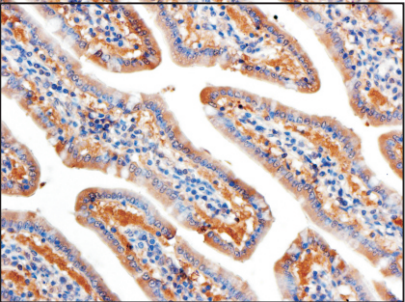
Product Information



**Immunohistochemistry-Anti-Bax pAb**  
Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-Bax Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunohistochemistry-Anti-Bax pAb**  
Immunohistochemical analysis of paraffin-embedded mouse liver using anti-Bax Rabbit Antibody at 1:250 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunohistochemistry-Anti-Bax pAb**  
Immunohistochemical analysis of paraffin-embedded rat intestine using anti-Bax Rabbit Antibody at 1:300 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

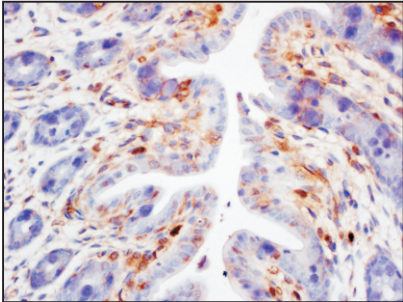
Anti-Bax Rabbit pAb



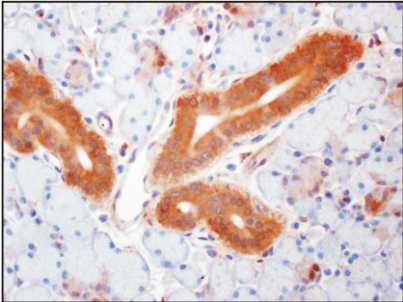
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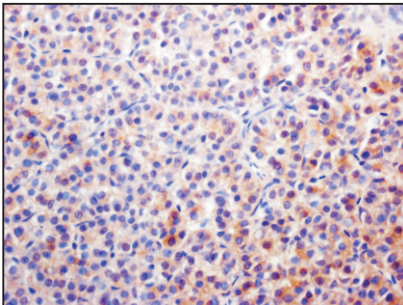
Product Images



**Immunohistochemistry-Anti-Bax pAb**  
Immunohistochemical analysis of paraffin-embedded rabbit intestine using anti-Bax Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunohistochemistry-Anti-Bax pAb**  
Immunohistochemical analysis of paraffin-embedded rabbit submaxillary glands using anti-Bax Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunohistochemistry-Anti-Bax pAb**  
Immunohistochemical analysis of paraffin-embedded rabbit adrenal gland using anti-Bax Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

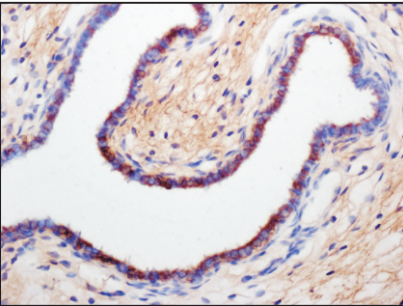
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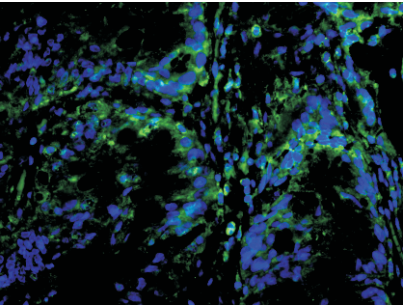
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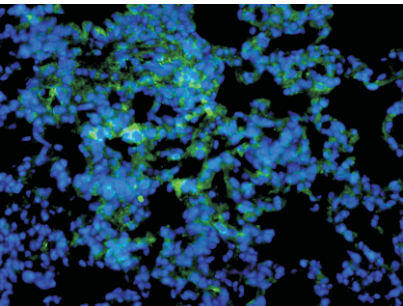
Product Information



**Immunohistochemistry-Anti-Bax pAb**  
Immunohistochemical analysis of paraffin-embedded rabbit uterus using anti-Bax Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunofluorescence-Anti-Bax pAb**  
Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-Bax Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



**Immunofluorescence-Anti-Bax pAb**  
Immunofluorescence analysis of paraffin-embedded mouse lung using anti-Bax Rabbit Antibody at 1:300 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

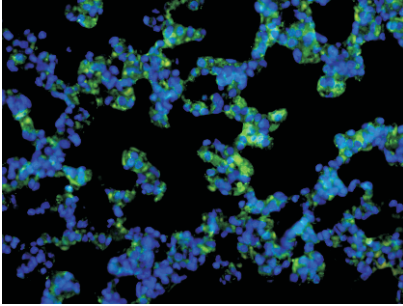
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**Immunofluorescence-Anti-Bax pAb**  
Immunofluorescence analysis of paraffin-embedded rat lung using anti-Bax Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0