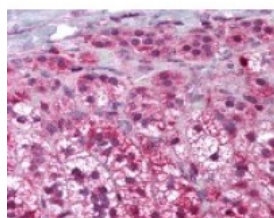




## BAX Antibody

CATALOG NUMBER: 49-193



Immunohistochemistry staining of BAX in adrenal tissue using BAX Antibody.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	IHC, IP, WB
<b>APPLICATIONS:</b>	BAX antibody can be used in ELISA starting at 1: 10000, Western Blot starting at 1: 500 - 1: 2000, and immunohistochemistry starting at 1:200.
<b>USER NOTE:</b>	<b>Do not freeze</b>
<b>IMMUNOGEN:</b>	BAX antibody was raised against a peptide located in the N Terminus of BAX (Mouse).
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Affinity Chromatography
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide, 0.2% gelatin.
<b>STORAGE CONDITIONS:</b>	Store BAX antibody undiluted at 4 °C. <b>Do not freeze.</b>
<b>CLONALITY:</b>	Polyclonal
<b>ISOTYPE:</b>	IgG
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	BAX, BCL2-associated X protein, Bcl2-L-4, Apoptosis regulator BAX, Bcl-2-like protein 4, BCL2L4
<b>ACCESSION NO.:</b>	Q07812
<b>PROTEIN GI NO.:</b>	728945
<b>OFFICIAL SYMBOL:</b>	BAX
<b>GENE ID:</b>	581

### Background

<b>BACKGROUND:</b>	Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. The Bcl-2 family of
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proteins is comprised of critical regulators of apoptosis that can be divided into two classes: those that inhibit apoptosis and those that promote cell death. Bax, a pro-apoptotic Bcl-2 family member, is a cytosolic protein that changes conformation and translocates to the mitochondria following apoptotic stimuli. It is thought to share significant functional homology with Bak, another pro-apoptotic Bcl-2 family member, as disruption of bax or bak has little effect on cell death, but mice lacking both genes display multiple developmental defects and cells lacking both show decreased apoptotic capability.

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**FOR RESEARCH USE ONLY**

December 13, 2016