



Datasheet for ABIN7255864  
**anti-BAX antibody**



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7 Images

Overview

Quantity:	200 µL
Target:	BAX
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAX antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide of human BAX (NP_620116.1).
Isotype:	IgG
Specificity:	This antibody ist KO validated.
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Grade:	KO Validated

Target Details

Target:	BAX
Alternative Name:	BAX ( <a href="#">BAX Products</a> )
Background:	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members

## Target Details

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form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein 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. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.

Molecular Weight:	Observed_MW: 20 kDa Calculated_MW: 4 kDa/12 kDa/15 kDa/18 kDa/19 kDa/21 kDa/24 kDa
Gene ID:	581
UniProt:	<a href="#">Q07812</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">PI3K-Akt Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Unfolded Protein Response</a>

## Application Details

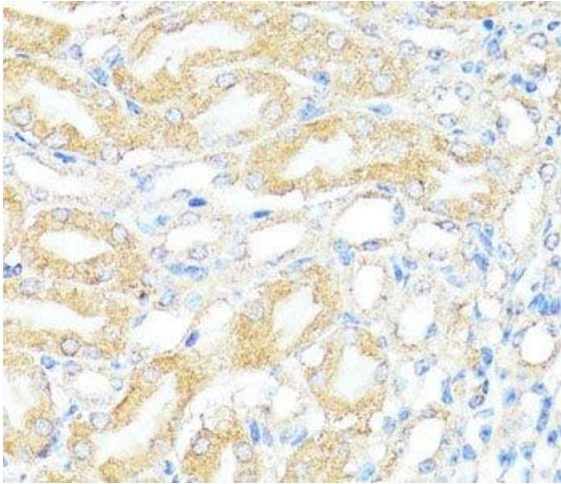
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Application Notes:	WB 1:500-1:2000 IHC 1:100-1:200
Restrictions:	For Research Use only

## Handling

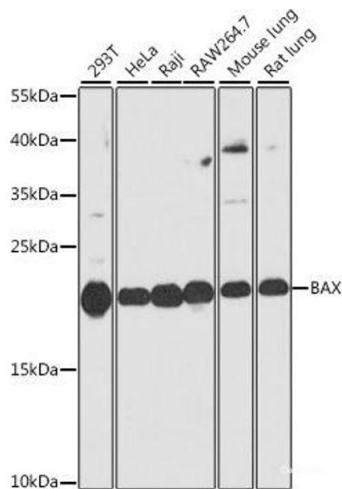
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



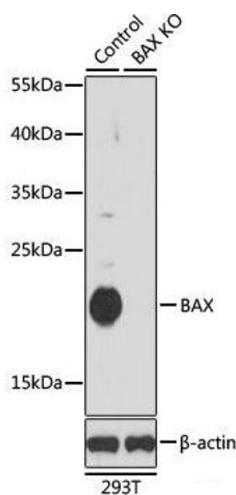
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Mouse kidney using BAX Polyclonal Antibody at dilution of 1:100 (40x lens).



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using BAX Polyclonal Antibody at dilution of 1:1000.



### Western Blotting

**Image 3.** Western blot analysis of extracts from normal (control) and BAX knockout (KO) 293T cells using BAX Polyclonal Antibody at dilution of 1:1000.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7255864.