

Rabbit BAX Polyclonal Antibody | anti-BAX antibody

BAX antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201660	Rabbit	Cow, Dog, Human, Pig	Western Blot, Immunohistochemistry

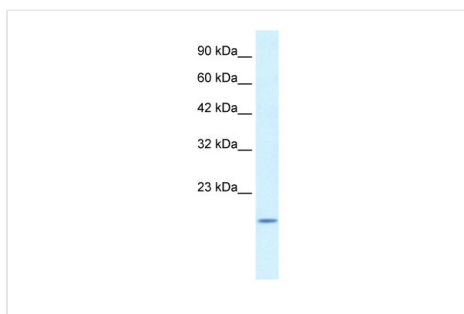
PRODUCT SYNONYMS

BAX; Polyclonal Antibody; BAX antibody - N-terminal region; anti-BAX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Pig
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MD GSGEQPRGGG PTSSEQIMKT GALLQGFIQ DRAGRMGGEA PELALDPV
Sequence Length	192
Applicable Applications for anti-BAX antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Human: 100%; Pig: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human BAX
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

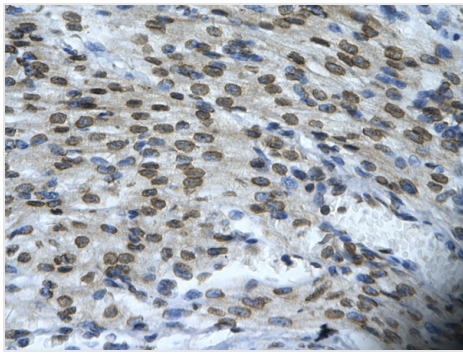
IMAGES


WB (Western Blot)

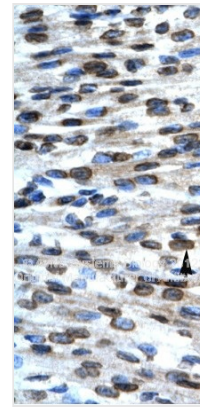
WB Suggested Anti-BAX Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

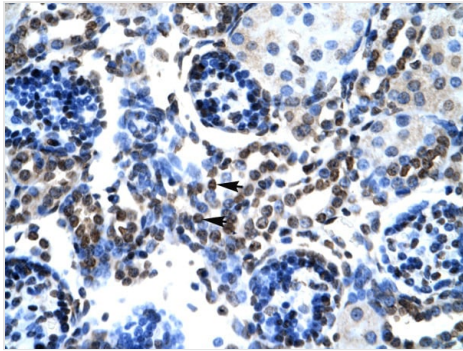
Lanes: 1. Human NT-2 cells (60ug) lysate 2. Mouse WT brain extract (80ug) Primary Antibody Dilution: 2ug/ml Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience Secondary Antibody Dilution: 1: 20,000 Gene Name: BAX Submitted by: Dr. Yuzhi Chen, University of Arkansas for Medical Science



IHC (Immunohistochemistry)
 Rabbit Anti-BAX Antibody
 Paraffin Embedded Tissue: Human cardiac cell
 Cellular Data:
 Epithelial cells of renal tubule
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X



IHC (Immunohistochemistry)
 Immunohistochemistry with NT2, mouse brain; rat brain. tissue



IHC (Immunohistochemistry)
 Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-BAX antibody	This is a rabbit polyclonal antibody against BAX. It was validated on Western Blot and immunohistochemistry Target Description: BAX encodes a protein that 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. 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. BAX expression is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis.
Product Categories/Family for anti-BAX antibody	Polyclonal; Transcription Factor; Cell Cycle Proteins; Neuroscience; Apoptosis; Membrane & Traffic; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	20631958
NCBI GeneID	581
NCBI Accession #	NP_620116
NCBI GenBank Nucleotide #	NM_138761
UniProt Accession #	Q07812
Molecular Weight	21kDa
NCBI Official Full Name	apoptosis regulator BAX isoform alpha
NCBI Official Synonym Full Names	BCL2 associated X, apoptosis regulator
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/bax-antibody-western-blot-immunohistochemistry-elisa/201660>