

Rabbit BAX Polyclonal Antibody | anti-BAX antibody

BAX Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320749	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

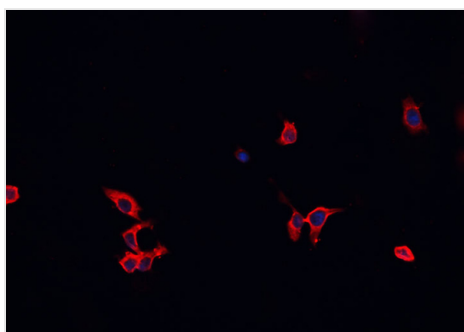
PRODUCT SYNONYMS

BAX; Polyclonal Antibody; BAX Antibody; Apoptosis regulator BAX; Bax-protein; BAX_HUMAN; BAXA; Baxdelta2G9; Baxdelta2G9omega; Baxdelta2omega; Bcl-2-like protein 4; BCL2 associated X protein; BCL2 associated X protein omega; BCL2 associated X protein transcript variant delta2; Bcl2-L-4; BCL2L4; membrane isoform alpha; anti-BAX antibody

PRODUCT SPECIFICATIONS

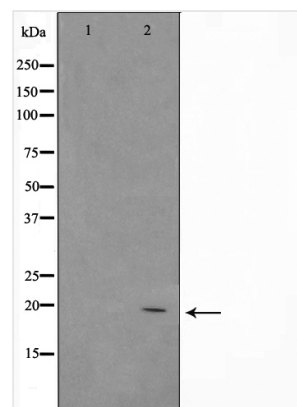
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Bax antibody detects endogenous levels of total Bax
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	221
Applicable Applications for anti-BAX antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Bax, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA320749 staining C1C12 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis on HepG2 cell lysate using Bax Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BAX antibody	Description: Bax Accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. Induces the release of cytochrome c, activation of CASP3, and thereby apoptosis. Belongs to the Bcl-2 family. Homodimer. Forms heterodimers with BCL2, E1B 19K protein, BCL2L1 isoform Bcl-X(L), MCL1 and A1. Interacts with SH3GLB1 and HN. Interacts with SFN and YWHAZ; the interaction occurs in the cytoplasm. Under stress conditions, JNK-mediated phosphorylation of SFN and YWHAZ, releases BAX to mitochondria. Isoform Sigma interacts with BCL2A1 and BCL2L1 isoform Bcl-X(L). 8 isoforms of the human protein are produced by alternative splicing.
References	Wu D, Huang CJ, Jiao XF, Ding ZM, Zhang JY, Chen F, Wang YS, Li X, Huo LJ; Journal: Oncotarget. Olaquinox disrupts tight junction integrity and cytoskeleton architecture in mouse Sertoli cells. Mao X, Du S, Yang Z, Zhang L, Peng X, Jiang N, Zhou H; Journal: Mol Med Rep. Inhibitors of PARP-1 exert inhibitory effects on the biological characteristics of hepatocellular carcinoma cells in vitro. Wang F, Li J, Li R, Pan G, Bai M, Huang Q; Journal: Mol Med Rep. Angelicin inhibits liver cancer growth in vitro and in vivo.

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	21 kDa
NCBI Official Full Name	apoptosis regulator BAX isoform 1
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

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://stage.aaabiotech.com/polyclonal/bax-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320749>