

Rabbit Bax Monoclonal Antibody | anti-Bax antibody

Recombinant Bax Monoclonal Antibody

CATALOG # AAA178769	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Bax; Monoclonal Antibody; Recombinant Bax Monoclonal Antibody; Apoptosis regulator BAX; BAX; Bax-protein; 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	Monoclonal
Isotype	IgG
Clone Number	R03-1D3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-Bax antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Bax
Research Area	Cancer, Cell Biology, Metabolism
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Bax in paraffin-embedded Human lung cancer tissue using Bax Rabbit mAb at dilution 1:20



WB (Western Blot)

Western blot detection of Bax in C6,3T3,Hela cell lysates using Bax Rabbit mAb(1:1000 diluted). Predicted band size:21kDa.Observed band size:20kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Bax antibody

BAX,also named as BCL2L4,is pro-apoptotic member of the Bcl-2 protein family,which plays a pivotal role in controlling cell life and death. Bax largely localizes to the cytoplasm of healthy cells,but accumulates on the outer mitochondrial membrane upon apoptosis induction. BAX can commit a cell to apoptosis by translocation from the cytosol to the mitochondria and permeabilization of the outer mitochondrial membrane,which leads to the release of cytochrome c from mitochondria. The expression of BAX is upregulated by the tumor suppressor protein p53,and BAX has been shown to be involved in p53-mediated apoptosis.

Product Categories/Family for anti-Bax antibody	Antibodies; Primary Antibodies; Recombinant Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757838
NCBI GeneID	581
NCBI Accession #	NP_004315.1
NCBI GenBank Nucleotide #	NM_004324.3
UniProt Accession #	Q07812; P55269; Q07814; Q07815; Q8WZ49; Q9NR76; Q9NYG7; Q9UCZ6; Q9UCZ7; Q9UQD6; A8K4W1
Molecular Weight	21,184 Da
NCBI Official Full Name	apoptosis regulator BAX isoform beta
NCBI Official Synonym Full Names	BCL2-associated X protein
NCBI Official Symbol	BAX
NCBI Official Synonym Symbols	BCL2L4
NCBI Protein Information	apoptosis regulator BAX; bcl2-L-4; bcl-2-like protein 4; BCL2-associated X protein omega; BCL2-associated X protein transcript variant delta2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/bax-antibody-clone-r03-1d3-immunohistochemistry-western-blot-elisa/178769>