

Rabbit Bax Polyclonal Antibody | anti-Bax antibody

Bax Antibody

CATALOG # AAA166817	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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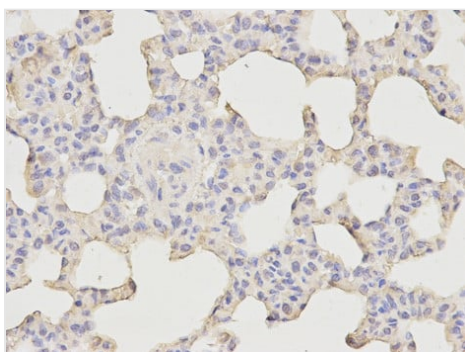
PRODUCT SYNONYMS

Bax; Polyclonal Antibody; Bax Antibody; BAX; BCL2L4; anti-Bax antibody

PRODUCT SPECIFICATIONS

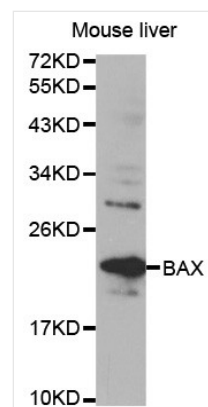
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	272
Applicable Applications for anti-Bax antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Bax
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20287 / sc-20288 / sc-6236 / sc-526 / sc-493
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using BAX antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of mouse liver cell line, using BAX antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Bax antibody	Bax is a key component for cellular induced apoptosis through mitochondrial stress (1). Upon apoptotic stimulation, Bax forms oligomers and translocates from the cytosol to the mitochondrial membrane (2). Through interactions with pore proteins on the mitochondrial membrane, Bax increases the membrane's permeability, which leads to the release of cytochrome c from mitochondria, activation of caspase-9 and initiation of the caspase activation pathway for apoptosis (3, 4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	597512853
UniProt Accession #	R4YID2
Molecular Weight	30,603 Da
NCBI Official Full Name	bax
UniProt Protein Name	Bax protein
UniProt Gene Name	bax
UniProt Entry Name	R4YID2_KLEPN

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://www.aaabiotech.com/polyclonal/bax-antibody-immunohistochemistry-western-blot-elisa/166817>