

Rabbit Bax Polyclonal Antibody | anti-Bax antibody

[KO Validated] Bax Rabbit pAb

CATALOG # AAA281585	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

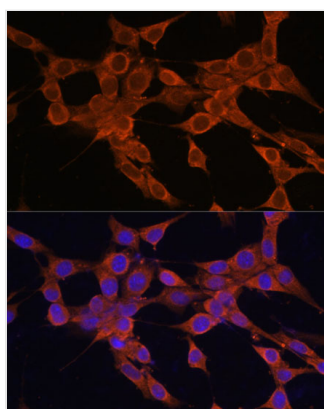
PRODUCT SYNONYMS

Bax; Polyclonal Antibody; [KO Validated] Bax Rabbit pAb; BCL2L4; BAX; anti-Bax antibody

PRODUCT SPECIFICATIONS

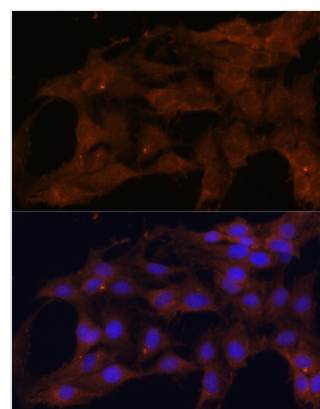
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-Bax antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human Bax
Cellular Location	Cytoplasm, Cytoplasm, Mitochondrion membrane, Single-pass membrane protein
Positive Samples	293T, HT-1080, Raji
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



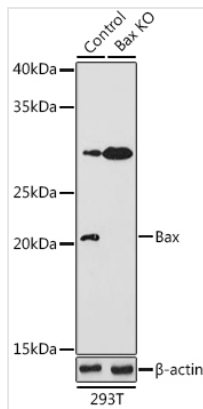
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Bax antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



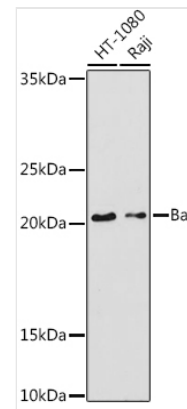
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using Bax antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and [KO Validated] Bax knockout (KO) 293T cells, using [KO Validated] Bax antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using [KO Validated] Bax antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-Bax antibody	Background: The protein encoded by this gene 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. 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.
Product Categories/Family for anti-Bax antibody	Cancer; Invasion and Metastasis; Research; Signal Transduction; MAPK-JNK Signaling Pathway; Research; Cell Biology & Developmental Biology; Apoptosis; Bcl 2 family; Research; Cell Biology & Developmental Biology; Apoptosis; Mitochondrial Control of Apopto

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

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-immunofluorescence-western-blot-elisa/281585>