

Mouse anti-Human Bax Monoclonal Antibody | anti-Bax antibody

Bax (PTR1159) Mouse Monoclonal Antibody

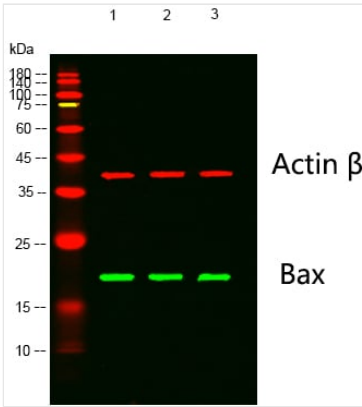
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320512	Mouse	Human	Immunohistochemistry, Western Blot, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

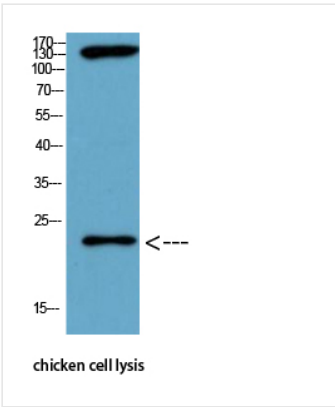
Bax; Monoclonal Antibody; Bax (PTR1159) Mouse Monoclonal Antibody; anti-Bax antibody

PRODUCT SPECIFICATIONS

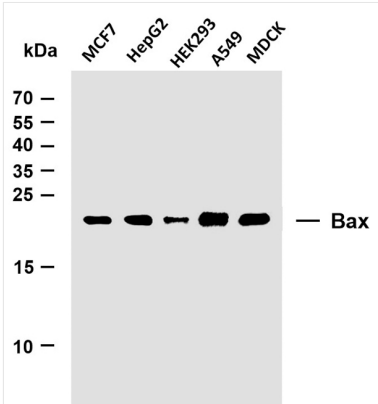
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	PTR1159
Specificity	This antibody detects endogenous levels of bax.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Bax antibody	IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Synthetic Peptide of Bax at AA range of 30-110
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year



WB (Western Blot)
Western blot analysis of lysates from 1) HeLa Cell Lysate. 2) C2C12 Cell Lysate. 3) PC12 Cell Lysate cells. (Green) primary antibody was diluted at 1:1000. 4 degree over night. Dylight 800 secondary antibody (Assay Biotech:SA0438) was diluted at 1:10000. 37 degree 1 hour. (Red) Actin ? Polyclonal Antibody (Assay Biotech:C40022) antibody was diluted at 1:5000 as loading control. 4 degree over night. Dylight 680 secondary antibody (Assay Biotech:SA0437) was diluted at 1:10000. 37 degree 1 hour.



WB (Western Blot)
Western Blot analysis of chicken cell lysis using Antibody diluted at 1:1000



WB (Western Blot)
Western blot analysis of 1) HeLa Cell Lysate. 2) C2C12 Cell Lysate. 3) PC12 Cell Lysate using Bax Mouse mAb diluted at 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-Bax antibody	The protein encoded by BAX (BCL2 associated X, apoptosis regulator) 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 BAX.
Product Categories/Family for anti-Bax antibody	Primary Antibodies

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bax-antibody-clone-ptr1159-immunohistochemistry-western-blot-immunocytochemistry-immunofluorescence-elisa/320512>