

Product Name: Bax Rabbit Monoclonal Antibody**Catalog #: AMRe03742**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 21 kDa; Observed MW: 21 kDa

Antigen Information

Gene Name	BAX
Alternative Names	Apoptosis regulator BAX; BAX; Bcl-2-like protein 4; BCL2-associated X protein; Bcl2-L-4; BCL2L4
Gene ID	581
SwissProt ID	Q07812
Immunogen	A synthetic peptide of human Bax

Background

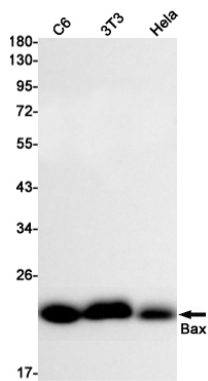
Bax is a key component for cellular induced apoptosis through mitochondrial stress. Upon apoptotic stimulation, Bax forms

oligomers and translocates from the cytosol to the mitochondrial membrane. 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.

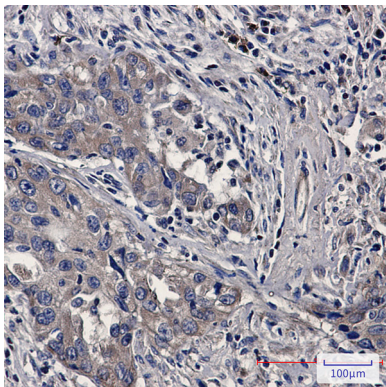
Research Area

Cell Biology

Image Data



Western blot analysis of Bax in C6, 3T3, HeLa lysates using Bax antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Bax antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.