

Anti-Bax Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R013644

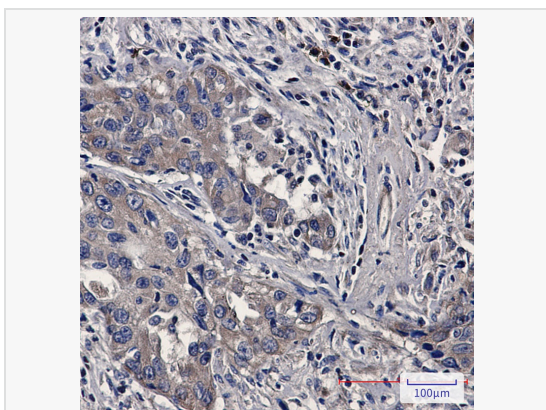
Product Information

Application	WB, IHC-P, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	59M52K38
Isotype	IgG
Target / Specificity	A synthetic peptide of human Bax
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped at 4°C. Upon delivery aliquot. Store at 4°C short term (1~2 weeks). Store at -20°C for 2 years. Avoid freeze / thaw cycles.
Precautions	Anti-Bax antibody [59M52K38] is for research use only and not for use in diagnostic or therapeutic procedures.

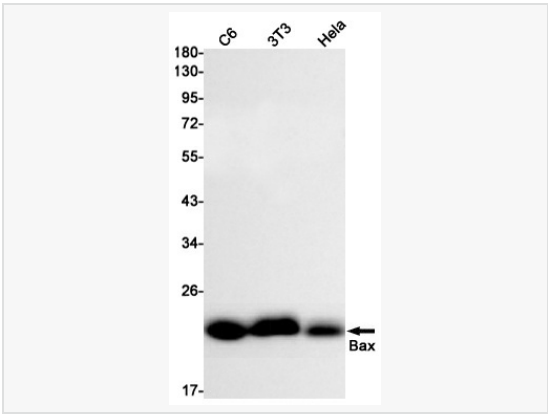
Protein Information

Other Names	Apoptosis regulator BAX, BAX, Bcl-2-like protein 4, BCL2-associated X protein, Bcl2-L-4, BCL2L4.
Calculated MW	Calculated MW: 21 kDa; Observed MW: 21 kDa
Primary Accession	Q07812
Gene ID	581
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.

Validation Images



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.



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