www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

Bax

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW:21kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant Protein of human Bax

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bhi

Synonym:

BAX;BCL2L4 ;

Catalog #:A0207

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:581

Isotype: IgG

Swiss Prot:Q07812

Purity: Affinity purification

For research use only.

Background:

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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