

Bax Antibody

Catalog No: T55059

Reactivity: Human Mouse Rat Hamster

Isotype: Rabbit IgG

Applications: WB IHC IP FC



www.ab-mart.com.cn

400-6123-828

Information

UniProt ID: Q07812

All Names: Apoptosis regulator BAX; BAX; Bcl-2-like protein 4; BCL2-associated X protein; Bcl2-L-4; BCL2L4

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

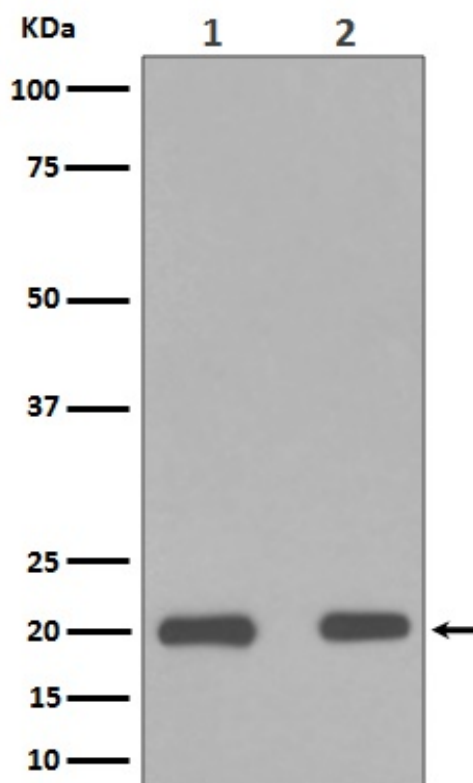
Molecular Wt.: 21kDa

Application

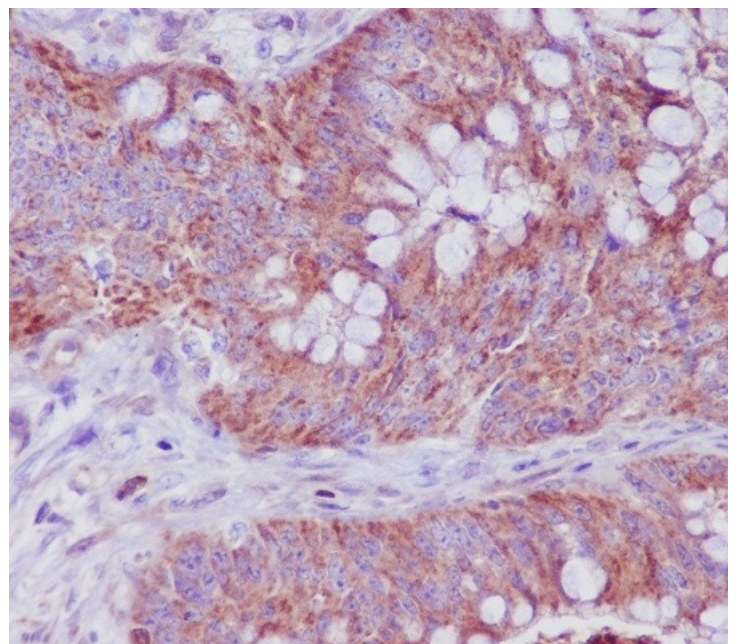
WB 1:1000~1:2000 IHC 1:50~1:200 IP 1:50 FC 1:50

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.



Western blot analysis of Bax in (1) HeLa cell lysate;(2) RAW264.7 Whole Cell Lysate.



Immunohistochemical analysis of paraffin-embedded human adenocarcinoma of colon, using Bax Antibody.