

Product Datasheet

Bax Antibody

Catalog No: CY5059

Reactivity: Human Mouse Rat Hamster

Isotype: Rabbit IgG

Applications: WB IHC IP FC



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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: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 21 kDa

Application

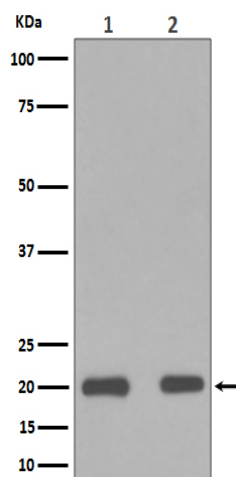
WB 1:1000~1:2000

IHC 1:50~1:200

IP 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 cell lysate.

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