

Bcl-XL Rabbit pAb

Catalog No.: A0209 **3 Publications**

Basic Information

Catalog No.

A0209

Observed MW

30KDa

Calculated MW

18kDa/25-26kDa

Category

Primary antibody

Applications

WB, IHC, IF, IP

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200
IP	1:50 - 1:100

Contact

www.abclonal.com

Background

The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Alternative splicing results in multiple transcript variants encoding two different isoforms. The longer isoform acts as an apoptotic inhibitor and the shorter isoform acts as an apoptotic activator.

Immunogen Information

Gene ID

598

Swiss Prot

Q07817

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human Bcl-XL (NP_612815.1).

Synonyms

BCL2L1;BCL-XL/S;BCL2L;BCLX;Bcl-X;PPP1R52;BCL2 like 1;Bcl-XL

Product Information

Source

Rabbit

Isotype

IgG

Purification

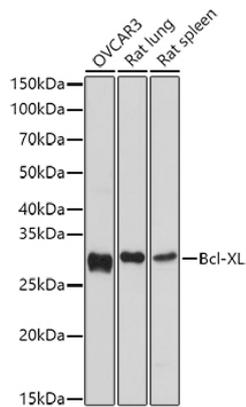
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Bcl-XL antibody (A0209) at 1:1000 dilution.

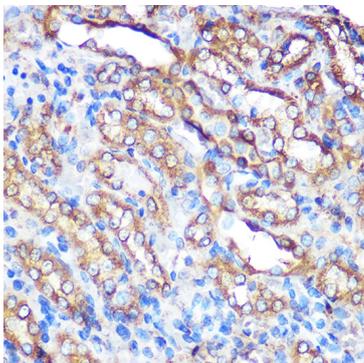
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

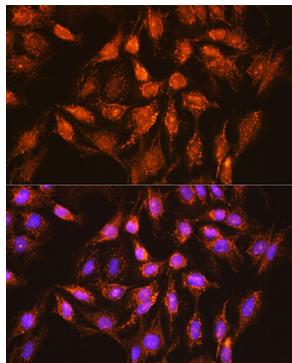
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat kidney using Bcl-XL Rabbit pAb (A0209) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of C6 cells using Bcl-XL Rabbit pAb (A0209) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.