Product Datasheet

Bcl-x Antibody

Catalog No: #48262

Package Size: #48262-1 50ul #48262-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

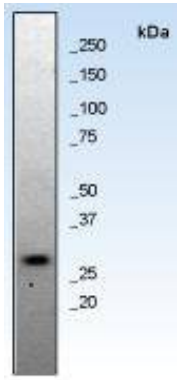
Description

Product Name	Bcl-x Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Protein A purified
Applications	WB, ICC, IHC, FC, IP
Species Reactivity	Hu,Ms,Rt
Immunogen Description	peptide
Other Names	Apoptosis regulator Bcl X antibody Bcl 2 like 1 antibody Bcl 2 like 1 protein antibody Bcl xL antibody BCL XL/S antibody Bcl xS antibody Bcl2 like1 antibody BCL2-related gene antibody BCL2-related protein, long isoform, included; BCLXL, included antibody BCL2-related protein, short isoform, included; BCLXS, included antibody BCL2L antibody BCL2L1 antibody Bclx antibody DKFZp781P2092 antibody MGC113803 antibody MGC99998 antibody
Accession No.	Swiss-Prot#:Q07817
Uniprot	Q07817
GeneID	598;
Calculated MW	26 (Bcl-xL) / 19 (Bcl-xS)
Formulation	1*TBS (pH7.4), 0.5%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

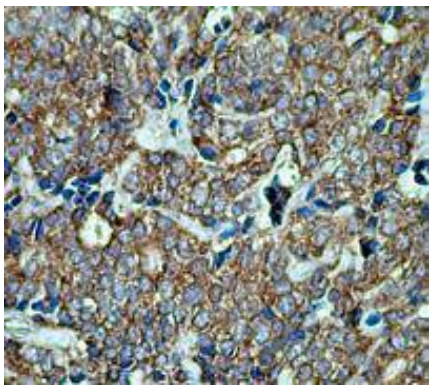
Application Details

WB: 1:500-1,000 IHC: 1:50-100ICC: 1:100 IP: 1:10 FC: 1:50

Images



Western blot analysis of K562 cell lysate using anti-Bcl-x.



Immunohistochemical analysis of human paraffin-embedded prostate carcinoma tissue using anti-Bcl-x.

Background

Bcl-x, a member of the Bcl-2 protein family, inhibits cell death, or apoptosis (1). Bcl-x is expressed as two isomeric forms, Bcl-xL and Bcl-xS, and is typically present in the cytosol in association with the mitochondrial membrane. Bcl-xL forms heterodimers with various proteins, including Bax, Bak and Bcl-2 (2). It has been found that heterodimerization with Bax does not seem to be required for anti-apoptotic activity (3). Since Bcl-xL can form an ion channel in synthetic lipid membranes, there is a strong possibility that this property plays a role in heterodimerization-independent cell survival (4). The Bcl-X(S) isoform promotes apoptosis.

References

Note: This product is for in vitro research use only