

Bcl-x Polyclonal Antibody

Catalog NoYP-Ab-00325IsotypeIgGReactivityHuman;Mouse;RatApplicationsWB;IHC;IF;ELISAGene NameBCL2L1Protein NameBcL-2-like protein 1ImmunogenThe antiserum was produced against synthesized peptide derived from human BCL-XL AA range:13-62SpecificityBcl-x Polycional Antibody detects endogenous levels of Bcl-x protein.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourcePolycional, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWestern Blot: 1/500 - 1/2000. Immunofhiotschemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.Concentration1 mg/mlPurity>90%Storage Stability-20°C/1 yearStorage StabilityIlsofom Bcl-X(L)): Mitochonding inner membrane: Mitochonding using endoperative sciele, scereday vesicle, membrane. Mitochonding numeric Cytoplasmic vesicle, scereday vesicle, membrane. Mitochonding numerics. Cytoplasmic vesicle, scereday vesicle, membrane. Mitochonding Nu vesicle, and numbrane. Mitochonding Nu vesicle, scereday vesicle, membrane. Mitochonding Nu vesicle, and numbrane. Single-pass membrane. Mitochonding Nu vesicle, and numbrane. Single-pass membrane. Mitochonding Nu vesicle, and numbrane. Nucleokanding Nu vesicle, and numbrane. Single-pass membrane. Single-pass membrane. Single-pass membrane. Single-pass membrane. Single-pass membrane. Single-pass membrane. Single-pass membrane. Single-pass membrane. Single-pass membrane		
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Applications WB:HHC:IF;ELISA Gene Name BCL2L1 Protein Name BcL-2-like protein 1 Immunogen The antiserum was produced against synthesized peptide derived from human BCL-XL. AA range:13-62 Specificity BcL-X Polyclonal Antibody detects endogenous levels of BcI-x protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. immunohistochemistry: 1/100 - 1/300. immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms BCL2L1; BCL2; BCLX; Bcl-2-like protein 1; Bcl2-L-1; Apoptosis regulator Bcl-X Observed Band 30kD Cell Pathway [Isoform Bcl-X(L)]: Mitochondrion inner membrane . Mitochondrion outer membrane protein : Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane e. Cytoplasmic vesicle, After neuronal stimulation, translocates from cytosol to synaptic vesicle and mitochondrion methrane in a calmodulin-dependent manner (By similarity). Localizes to the centrosome when phosphorylated at Ser-49. </td <td>Isotype</td> <td>lgG</td>	Isotype	lgG
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Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms BCL2L1; BCL2L; BCLX; Bcl-2-like protein 1; Bcl2-L-1; Apoptosis regulator Bcl-X Observed Band 30kD Cell Pathway [Isoform Bcl-X(L)]: Mitochondrion inner membrane - Mitochondrion outer membrane protein ; Cytoplasmic side. After neuronal simulation, translocates from cytosol to synaptic vesicle and mitochondrion membrane i na calmodulin-dependent manner (By similarity). Localizes to the centrosome when phosphorylated at Ser-49. Tissue Specificity Bol-X(S) is expressed at high levels in cells that undergo a high rate of turnover, such as developing lymphocytes. In contrast, Bcl-X(L) is found in tissues containing long-lived postmitotic cells, such as adult brain. Function domain:The BH4 motif is required for anti-apoptic activity. The BH1 and BH2 motifs are required for abth heterodimerization with other Bcl2 family members and for repression of cell death, function.Potent inhibitor of cell death. Isoform Bcl-X(L) anti-apoptotic activity is inhibited by association w	Immunogen	
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Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms BCL2L1; BCL2L; BCLX; Bcl-2-like protein 1; Bcl2-L-1; Apoptosis regulator Bcl-X Observed Band 30kD Cell Pathway [Isoform Bcl-X(L)]: Mitochondrion inner membrane . Mitochondrion outer membrane . Mitochondrion matrix . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane . Cytoplasmic cytosol . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus membrane; Single-pass membrane protein ; Cytoplasmic side . After neuronal stimulation, translocates from cytosol to synaptic vesicle and mitochondrion membrane in a calmodulin-dependent manner (By similarity). Localizes to the centrosome when phosphorylated at Ser-49. Tissue Specificity Bcl-X(S) is expressed at high levels in cells that undergo a high rate of turnover, such as developing lymphocytes. In contrast, Bcl-X(L) is found in tissues containing long-lived postmitotic cells, such as adult brain. Function moins The BH4 motif is required for both heterodimerization with other Bcl-2 family members and for repression of cell death., function.Potent inhibitor of cell death. Isoform 1. Inhibits activation of casapases (By similarity). Appears to regulate cell death by	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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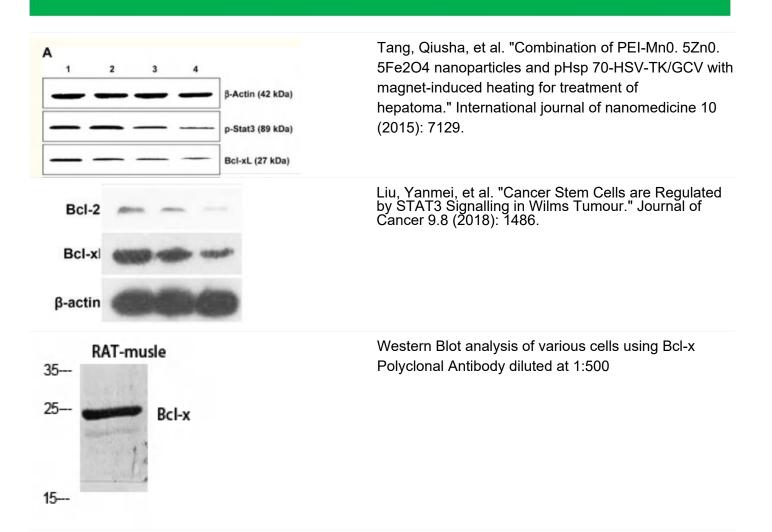
UpingBio technology Co.,Ltd

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	preventing the release of the caspase activator, cytochrome c, from the mitochondrial membrane. The Bcl-X(S) isoform promotes apoptosis.,PTM:Proteolytically cleaved by caspases during apoptosis. The cleaved protein, lacking the BH4 motif, has pro-apoptotic activity.,similarity:Belongs to the Bcl-2 family.,subcellular location:Mitochondrial membranes and perinuclear envelope.,subunit:Bcl-X(L) forms homodimers, and het
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. [provided by RefSeq, Dec 2015],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

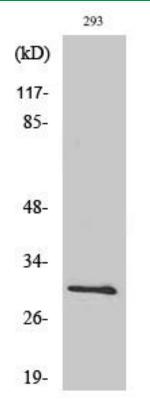


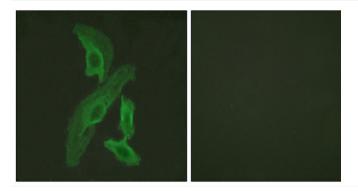


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Website: www.upingBio.com





Immunofluorescence analysis of HeLa cells, using BCL-XL Antibody. The picture on the right is blocked with the synthesized peptide.

Western Blot analysis of 293 cells using Bcl-x Polyclonal Antibody diluted at 1:500