

Bcl-XL (ANT0044R) Rabbit mAb

CatalogNo: ANT8153 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 26kD (Calculated)
 - IgG,Kappa
- 30kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0044R

Target Information

Endogenous

Gene name BCL2L1
Protein Name Bcl-2-like protein 1

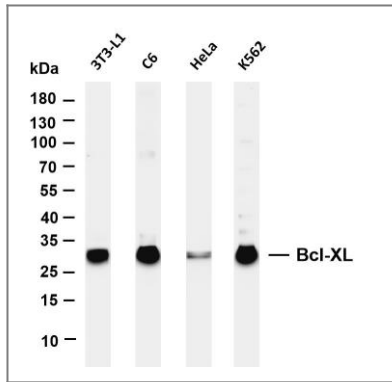
Organism	Gene ID	UniProt ID
Human	598 ;	Q07817 ;
Mouse	12048 ;	Q64373 ;
Rat	24888 ;	P53563 ;

Cellular Localization Cytoplasm

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 Domain:The BH4 motif is required for anti-apoptotic activity. The BH1 and BH2 motifs are required for both heterodimerization with other Bcl-2 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 with SIVA isoform 1. Inhibits activation of caspases (By similarity). Appears to regulate cell death by blocking the voltage-dependent anion channel (VDAC) by binding to it and preventing the release of the caspase activator, cytochrome c, from the mitochondrial membrane. The Bcl-X(S) isoform promotes apoptosis.,ANTM:Proteolytically cleaved by caspases during apoptosis. The cleaved protein, lacking the BH4 motif, has proapoptotic activity.,similarity:Belongs to the Bcl-2 family.,subcellular location:Mitochondrial membranes and perinuclear envelope.,subunit:Bcl-X(L) forms homodimers, and heterodimers with BAX, BAK and BCL2. Heterodimerization with BAX does not seem to be required for anti-apoptotic activity. Also interacts with BAD and BBC3. Isoform Bcl-X(L) binds to Siva isoform 1. Interacts with BCL2L11 (By similarity). Interacts with BECN1 and PGAM5. Isoform Bcl-X(L) interacts with BAX isoform Sigma.,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.,

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Bcl-XL (ANT0044R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1:3T3-L1 Lane 2: C6 Lane 3: HeLa Lane 4: K562 Predicted band size: 26kDa Observed band size: 30kDa

For Research use only, not for diagnostics and clinical use
Contact Antagene Inc Tel 1-866-964-2589 Email: info@antageneinc.com