

**Anti-Human/Mouse/Rat BCL-x Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01966**

---

3th Edition

**Description:** BCL2L1 is a member of the BCL-2 protein family. BCL2L1 is expressed as two distinct isoforms, Bcl-xL and Bcl-xS, and is located at the outer mitochondrial membrane. The Bcl-XL isoform is a 233 amino acid protein, acting as an apoptotic inhibitor. Bcl-XL can form heterodimers with BAX, BAK or BCL2, and the heterodimerization with BAX does not seem to be required for anti-apoptotic activity. The Bcl-XS isoform is a shorter variant that is 178 amino acids in length and lacks a 63 amino acid region (amino acids 126-188), acting as an apoptotic activator. This antibody can recognize Bcl-XL, Bcl-XS and Bcl-X(Beta).

**Antigen:** Recombinant human Bcl-2-like protein 1 protein

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**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.