

Bcl-w (PT1525R) PT™ Rabbit mAb

CatalogNo: YM9367 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 21kD (Calculated)
18kD (Observed)

Isotype

- IgG, Kappa

Storage

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

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1:500

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:5000-1:20000

Basic Information

Clonality Monoclonal

Clone Number PT1525R

Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

| Target Information

Gene name BCL2L2

Protein Name Bcl-2-like protein 2

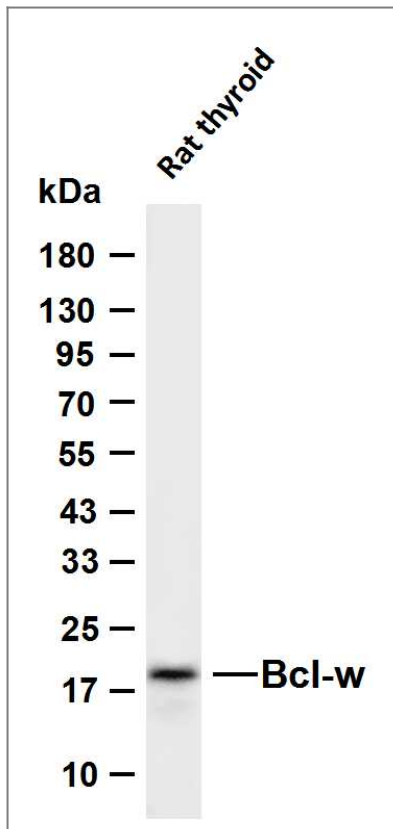
Organism	Gene ID	UniProt ID
Human	599 ;	Q92843 ;
Mouse	12050 ;	P70345 ;

Cellular Localization Mitochondrion membrane ; Peripheral membrane protein . Loosely associated with the mitochondrial membrane in healthy cells. During apoptosis , tightly bound to the membrane.

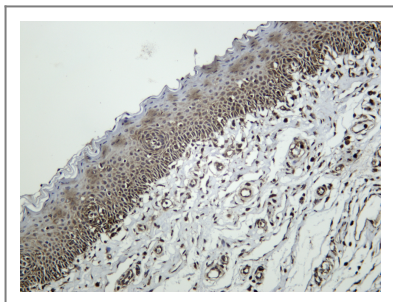
Tissue specificity Expressed (at protein level) in a wide range of tissues with highest levels in brain , spinal cord , testis , pancreas , heart , spleen and mammary glands. Moderate levels found in thymus , ovary and small intestine. Not detected in salivary gland , muscle or liver. Also expressed in cell lines of myeloid , fibroblast and epithelial origin. Not detected in most lymphoid cell lines.

Function Domain:The BH1 and BH2 motifs form a hydrophobic groove which acts as a docking site for the BH3 domain of some pro-apoptotic proteins. The C-terminal residues of BCL2L2 fold into the BH3-binding cleft and modulate pro-survival activity by regulating ligand access. When BH3 domain-containing proteins bind , they displace the C-terminus , allowing its insertion into the membrane and neutralizing the pro-survival activity of BCL2L2. ,Domain:The BH4 motif seems to be involved in the anti-apoptotic function. ,Function:Promotes cell survival. Blocks dexamethasone-induced apoptosis. Mediates survival of postmitotic Sertoli cells by suppressing death-promoting activity of BAX. ,similarity:Belongs to the Bcl-2 family. ,subcellular location:Loosely associated with the mitochondrial membrane in healthy cells. During apoptosis , tightly bound to the membrane. ,tissue specificity:Expressed (at protein level) in a wide range of tissues with highest levels in brain , spinal cord , testis , pancreas , heart , spleen and mammary glands. Moderate levels found in thymus , ovary and small intestine. Not detected in salivary gland , muscle or liver. Also expressed in cell lines of myeloid , fibroblast and epithelial origin. Not detected in most lymphoid cell lines. ,

| Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Bcl-w (PT1525R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Rat thyroid Predicted band size: 21kDa Observed band size: 18kDa



Human tonsil was stained with anti-Bcl-w (PT1525R) Rabbit antibody

Contact information

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Bcl-w (PT1525R)
PT™ Rabbit mAb

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