

Polyclonal Anti- BCL2L2 Antibody

Catalog Number: PA1426-1

Description

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name | BCL2-like 2 |
| Recommended Protein Name | Bcl-2-like protein 2 |
| Lot No. | 0141312c012648 |
| Size | 100µg/vial |
| Form | lyophilized |
| Ig type | Rabbit IgG |
| Specificity | No cross reactivity with other proteins. |
| Purification | Immunogen affinity purified. |
| Species | Reacts with: human Predicted to work with: mouse, rat |
| Immunogen | A synthetic peptide corresponding to a sequence in the middle region of human BCL2L2(74-88aa SAQQRFTQVSDELQ), identical to the related rat and mouse sequences. |
| Contents | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . |

Application

| | Concentration | Tested Species | Predicted Species | Antigen Retrieval |
|-----------------------------------------------------|---------------|----------------|-------------------|-------------------|
| Western blot | 0.1-0.5µg/ml | Hu | Ms, Rat | - |
| Immunohistochemistry (Paraffin-embedded Section) | 0.5-1µg/ml | Hu | Ms, Rat | By Heat |

WB: The detection limit for BCL2L2 is approximately 0.5ng/lane under reducing conditions.

Tested Species: In-house tested species with positive results.

Predicted Species: Species predicted to be fit for the product based on sequence similarities.

By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections.

Other applications have not been tested.

Optimal dilutions should be determined by end users.

Preparation and storage

Reconstitution: 0.2ml of distilled water will yield a concentration of 500µg/ml.

Storage: At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time.

Avoid repeated freezing and thawing.

Relevant detection systems

Boster provides a series of assays reacted with primary antibodies. Antibody can be supported by chemiluminescence kit EK1002 in WB, supported by SA1022 in IHC(P).

Background

Bcl-2-like protein 2 is a protein that in humans is encoded by the BCL2L2 gene. This gene encodes a pro-survival (anti-apoptotic) member of the bcl-2 protein family. Its gene is mapped to human chromosome 14q11.2-q12. In all, it has got 193 amino acids. Generally speaking, the BCL2 can be found in brain, colon and salivary gland. Acting as the anti- and pro-apoptotic regulators, it has played a vital role in reducing the cell apoptosis under cytotoxic conditions.

Reference

1. Gibson L, Holmgreen SP, Huang DC, Bernard O, Copeland NG, Jenkins NA, Sutherland GR, Baker E, Adams JM, Cory S (Oct 1996). "bcl-w, a novel member of the bcl-2 family, promotes cell survival". *Oncogene* 13 (4): 665 - 75. PMID 8761287.
2. "Entrez Gene: BCL2L2 BCL2-like 2".