BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-Bcl-rambo BCL2L13 Antibody

**Catalog Number:** A06151

## About BCL2L13

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. Members of the Bcl-2 family are known to be critical regulators of this process. These proteins are characterized by the presence of several conserved motifs termed Bcl-2 homology (BH) domains. A novel, widely expressed member termed Bcl-rambo was recently identified. This protein is localized to mitochondria in mammalian cells and its overexpression induces apoptosis which could be blocked by co-expression of inhibitor of apoptosis proteins (IAPs) such as XIAP, cIAP1, and cIAP2. Bcl-rambo shows overall homology to the anti-apoptotic members containing BH motifs, but unlike Bcl-2, the C-terminal membrane anchor of Bcl-rambo is preceded by a unique 250 amino acid insertion. This region by itself can induce apoptosis more efficiently than the Bcl-2 homology regions, suggesting that Bcl-rambo may be important other pro-apoptotic pathways.

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## Overview

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|---|---|
| Product Name | Anti-Bcl-rambo BCL2L13 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-Bcl-rambo BCL2L13 Antibody (Catalog # A06151). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | Bcl-rambo Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | Bcl-rambo antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q9BXK5 |

## Technical Details

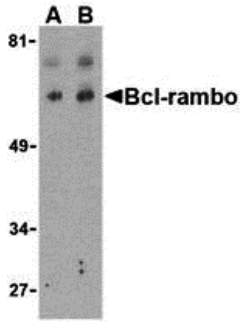
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| Immunogen | Bcl-rambo antibody was raised against a 15 amino acid synthetic peptide from near the center of human Bcl-rambo. The immunogen is located within amino acids 280 - 330 of Bcl-rambo. |

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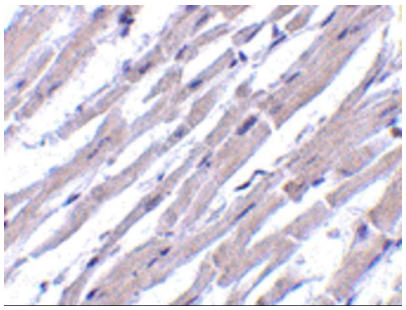
| | |
|---|---|
| Predicted Reactive Species | Chicken |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Bcl-rambo Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | Bcl-rambo antibody can be used for the detection of Bcl-rambo by Western blot at 2 and 4 ug/mL. Antibody can also be used for immunohistochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL.<br>Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

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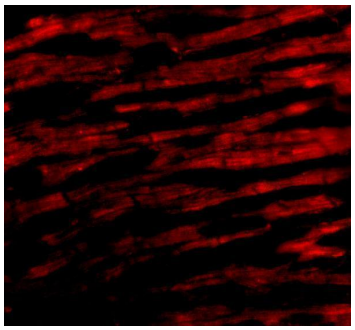
# Anti-Bcl-rambo BCL2L13 Antibody (A06151) Images




Western blot analysis of Bcl-rambo in K562 cell lysate with Bcl-rambo antibody at (A) 2 and (B) 4 ug/mL.



Immunohistochemistry of Bcl-rambo in human heart tissue with Bcl-rambo antibody at 10 ug/mL.



Immunofluorescence of Bcl-rambo in Human Heart cells with Bcl-rambo antibody at 20 ug/mL.

Anti-Bcl-rambo BCL2L13 Antibody

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