

## Anti-Protein capicua homolog CIC Antibody

Catalog Number: A00385

### About CIC

This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

David A. Jans, J. Biol. Chem., Nov 1996; 271: 30781.

Eugene Estella, Diabetes, Aug 2006; 55: 2212 - 2219.

Yong Gu, J. Biol. Chem., May 1996; 271: 10816.

Jiuru Sun, J. Biol. Chem., Nov 1996; 271: 27802.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Protein capicua homolog CIC Antibody  |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio Anti-Protein capicua homolog CIC Antibody catalog # A00385. Tested in WB applications. This antibody reacts with Human,Mouse,Rat. |
| Application          | WB   |
| Clonality            | Polyclonal   |
| Formulation          | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2   |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.   |
| Host                 | Rabbit   |
| Uniprot ID           | Q96RK0   |

### Technical Details

|                            |   |
|----------------------------|---|
| Immunogen                  | Synthesized peptide derived from human Survivin around the phosphorylation site of T34. |
| Predicted Reactive Species | Canine, Monkey  |
| Cross Reactivity           | Does not cross-react with eNOS or nNOS.   |
| Isotype                    | IgG   |
| Form                       | Liquid  |
| Concentration              | 1 mg/ml   |

|                     |  |
|---------------------|--|
| Purification        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).  |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows:<br>Boster Bio's internal QC testing used:<br>WB: 1:500-1:1000 |

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