

Datasheet for ABIN670920

**anti-Survivin antibody (AA 85-142) (HRP)**[Go to Product page](#)

## Overview

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|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | Survivin (BIRC5)                                                                                                                                 |
| Binding Specificity: | AA 85-142                                                                                                                                        |
| Reactivity:          | Human, Mouse                                                                                                                                     |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This Survivin antibody is conjugated to HRP                                                                                                      |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Survivin |
| Isotype:              | IgG                                                          |
| Cross-Reactivity:     | Human, Mouse                                                 |
| Predicted Reactivity: | Rat,Dog,Cow,Pig,Horse,Guinea Pig                             |
| Purification:         | Purified by Protein A.                                       |

## Target Details

|                   |                                             |
|-------------------|---------------------------------------------|
| Target:           | Survivin (BIRC5)                            |
| Alternative Name: | Survivin ( <a href="#">BIRC5 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Background: | <p>Synonyms: API4, EPR-1, Baculoviral IAP repeat-containing protein 5, Apoptosis inhibitor 4, Apoptosis inhibitor survivin, BIRC5, IAP4</p> <p>Background: Multitasking protein that has dual roles in promoting cell proliferation and preventing apoptosis. Component of a chromosome passage protein complex (CPC) which is essential for chromosome alignment and segregation during mitosis and cytokinesis. Acts as an important regulator of the localization of this complex, directs CPC movement to different locations from the inner centromere during prometaphase to midbody during cytokinesis and participates in the organization of the center spindle by associating with polymerized microtubules. The complex with RAN plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. May counteract a default induction of apoptosis in G2/M phase. The acetylated form represses STAT3 transactivation of target gene promoters. May play a role in neoplasia. Inhibitor of CASP3 and CASP7. Isoform 2 and isoform 3 do not appear to play vital roles in mitosis. Isoform 3 shows a marked reduction in its anti-apoptotic effects when compared with the displayed wild-type isoform.</p> |
| Gene ID:    | 332                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt:    | <a href="#">O15392</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pathways:   | <a href="#">Apoptosis</a> , <a href="#">Cell Division Cycle</a> , <a href="#">Nuclear Hormone Receptor Binding</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Application Details

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|--------------------|-----------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                               |

## Handling

|                    |                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                      |
| Concentration:     | 1 µg/µL                                                                                                     |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative:      | ProClin                                                                                                     |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be                         |

## Handling

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handled by trained staff only.

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| Handling Advice: | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase. |
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| Storage: | -20 °C |
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| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
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| Expiry Date: | 12 months |
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