

Datasheet for ABIN728242

## **anti-SERPINB5 antibody (AA 301-375) (HRP)**



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### Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | SERPINB5                                                                                                                                         |
| Binding Specificity: | AA 301-375                                                                                                                                       |
| Reactivity:          | Human, Rat, Rabbit                                                                                                                               |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This SERPINB5 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 mouse Maspin |
| Isotype:              | IgG                                                        |
| Cross-Reactivity:     | Human, Rabbit, Rat                                         |
| Predicted Reactivity: | Mouse                                                      |
| Purification:         | Purified by Protein A.                                     |

### Target Details

|                   |                                              |
|-------------------|----------------------------------------------|
| Target:           | SERPINB5                                     |
| Alternative Name: | Maspin ( <a href="#">SERPINB5 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: PI5, maspin, Serpin B5, Peptidase inhibitor 5, PI-5, SERPINB5<br>Background: Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity. |
| Gene ID:    | 5268                                                                                                                                                                                                                                                                                                                                                         |
| UniProt:    | <a href="#">P70124</a>                                                                                                                                                                                                                                                                                                                                       |
| Pathways:   | <a href="#">p53 Signaling</a>                                                                                                                                                                                                                                                                                                                                |

## Application Details

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