

Datasheet for ABIN7438679

**anti-Thrombospondin 1 antibody (AA 957-1129)**[Go to Product page](#)

## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                    |
| Target:              | Thrombospondin 1 (THBS1)                                                                                  |
| Binding Specificity: | AA 957-1129                                                                                               |
| Reactivity:          | Mouse                                                                                                     |
| Host:                | Rabbit                                                                                                    |
| Clonality:           | Polyclonal                                                                                                |
| Conjugate:           | This Thrombospondin 1 antibody is un-conjugated                                                           |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|                   |                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Thrombospondin 1 (THBS1)                                                                                                                                  |
| Immunogen:        | Recombinant Thrombospondin 1 (THBS1) corresponding to Phe957~Lys1129 with N-terminal His Tag                                                                                     |
| Isotype:          | IgG                                                                                                                                                                              |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against THBS1. It has been selected for its ability to recognize THBS1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human                                                                                                                                                                            |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                           |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | Thrombospondin 1 (THBS1)                 |
| Alternative Name: | THBS1 ( <a href="#">THBS1 Products</a> ) |
| Background:       | TSP1, Thrombospondin-1p180               |
| UniProt:          | <a href="#">P35441</a>                   |
| Pathways:         | <a href="#">Autophagy</a>                |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                         |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 500 µg/mL                                                                                                                                                       |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.                                                                                                     |
| Preservative:      | Sodium azide                                                                                                                                                    |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                          |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months                                                                                                                                                       |