

Datasheet for ABIN7442693
anti-Syndecan 1 antibody (AA 47-305)



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1 Image

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | Syndecan 1 (SDC1) |
| Binding Specificity: | AA 47-305 |
| Reactivity: | Cow |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Syndecan 1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|---------------|--|
| Purpose: | Polyclonal Antibody to Syndecan 1 (SDC1) |
| Immunogen: | Recombinant Syndecan 1 (SDC1) corresponding to Ser47~Lys305 (Accession # Q08DZ5) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against SDC1. It has been selected for its ability to recognize SDC1 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|---------|-------------------|
| Target: | Syndecan 1 (SDC1) |
|---------|-------------------|

Target Details

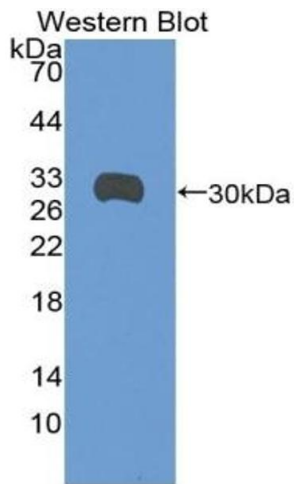
| | |
|-------------------|--|
| Alternative Name: | Syndecan 1 (SDC1 Products) |
| Background: | CD138, SDC, SYND1, Syndecan Proteoglycan 1 |
| Pathways: | Glycosaminoglycan Metabolic Process , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Lipid Metabolism |

Application Details

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| Application Notes: | Western blotting: 0.5-2 µg/mL 1:360-1440 Immunohistochemistry: 5-20 µg/mL 1:36-144 Immunocytochemistry: 5-20 µg/mL 1:36-144 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

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| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: 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 |



Western Blotting

Image 1. Detection of Recombinant SDC1, Bovine using Polyclonal Antibody to Syndecan 1 (SDC1)