Datasheet for ABIN7635990

# anti-COMP antibody

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | COMP |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This COMP antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

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|---|---|
| Purpose: | Polyclonal Antibody to Cartilage Oligomeric Matrix Protein (COMP) |
| Immunogen: | RPB197Mu04Recombinant Cartilage Oligomeric Matrix Protein (COMP) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against COMP. It has been selected for its ability to recognize COMP in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

## Target Details

| | |
|---|---|
| Target: | COMP |
| Alternative Name: | COMP (COMP Products) |

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## Target Details

| | |
|---|---|
| Background: | MED, EDM1, EPD1, PSACH, THBS5, TSP-5, Pseudoachondroplasia,Epiphyseal Dysplasia 1,Multiple, Thrombospondin 5 |
| UniProt: | Q9R0G6 |

## Application Details

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|---|---|
| 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

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|---|---|
| Format: | Liquid |
| Concentration: | 500 µg/mL |
| 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. |

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