

Datasheet for ABIN7644520 **anti-PDGFB antibody**



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Overview

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| Quantity: | 100 µL |
| Target: | PDGFB |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PDGFB antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

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| Purpose: | Polyclonal Antibody to Platelet Derived Growth Factor Subunit B (PDGFB) |
| Immunogen: | RPC921Hu01Recombinant Platelet Derived Growth Factor Subunit B (PDGFB) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against PDGFB. It has been selected for its ability to recognize PDGFB in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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| Target: | PDGFB |
| Alternative Name: | PDGFB (PDGFB Products) |

Target Details

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| Background: | PDGF-B, PDGF2, SIS, SSV, C-sis, Simian Sarcoma Viral(v-sis)Oncogene Homolog, Platelet Derived Growth Factor Beta Polypeptide, Proto-oncogene c-Sis, Becaplermin |
| UniProt: | P01127 |
| Pathways: | RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Carbohydrate Metabolic Process , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling |

Application Details

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| Application Notes: | Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 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: | 0.5 mg/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. |