

Anti-SerpinB2 Antibody Picoband™

Catalog Number: PB9355

About SERPINB2

SERPINB2 is also known as PAI or PAI2. Plasminogen activator inhibitor-2 (placental PAI) is a coagulation factor that inactivates tPA and urokinase. It is present in most cells, especially monocytes/macrophages. PAI-2 exists in two forms, a 60-kDa extracellular glycosylated form and a 43-kDa intracellular form. It is present only at detectable quantities in blood during pregnancy, as it is produced by the placenta, and may explain partially the increased rate of thrombosis during pregnancy. The majority of expressed PAI-2 remains unsecreted due to the presence of an inefficient internal signal peptide.

Overview

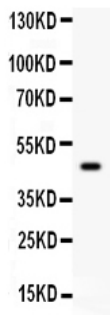
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| Product Name | Anti-SerpinB2 Antibody Picoband™ |
| Reactive Species | Human |
| Description | Boster Bio Anti-SerpinB2 Antibody Picoband™ catalog # PB9355. Tested in IHC, WB applications. This antibody reacts with Human. |
| Application | IHC, WB |
| Clonality | Polyclonal |
| Formulation | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N. |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P05120 |

Technical Details

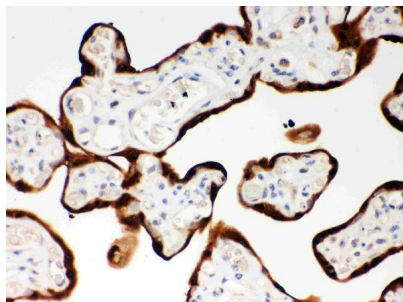
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| Immunogen | E.coli-derived human SerpinB2 recombinant protein (Position: M1-K180). Human SerpinB2 shares 70% and 66% amino acid (aa) sequence identity with mouse and rat SerpinB2, respectively. |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P). |
| Cross Reactivity | No cross reactivity with other proteins. |

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| Form | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml. |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human</p> <p>For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/</p> |

Anti-SerpinB2 Antibody Picoband™ (PB9355) Images



Anti-SerpinB2 Picoband antibody, PB9355, Western blotting
 All lanes: Anti SerpinB2 (PB9355) at 0.5ug/ml
 WB: Human Placenta Tissue Lysate at 50ug
 Predicted bind size: 47KD
 Observed bind size: 47KD



Anti-SerpinB2 Picoband antibody, PB9355, IHC(P)
 IHC(P): Human Placenta Tissue

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