BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-SerpinB2 Antibody Picoband®

Catalog Number: PB9355

About SERPINB2

SERPINB2 is also known as PAI or PAI2. Plasminogen activator inhibitor-2 (placental PAI) is acoagulation 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 thrombosisduring pregnancy. The majority of expressed PAI-2 remains unsecreted due to the presence of an inefficient internal signal peptide.

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Overview

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. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na2HPO4, and 0.05 mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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.
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human

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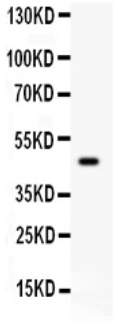
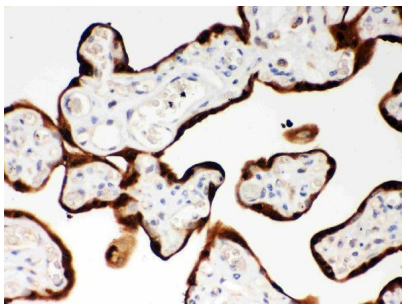
Anti-SerpinB2 Antibody Picoband® (PB9355) Images



Anti-SerpinB2 Picoband antibody, PB9355, Western blottingAll lanes: Anti SerpinB2 (PB9355) at 0.5ug/mlWB: Human Placenta Tissue Lysate at 50ugPredicted bind size: 47KDObserved bind size: 47KD



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

Anti-SerpinB2 Antibody

For Research Use Only. Not for use in diagnostic procedures.