

Anti-SerpinB2 Picoband Antibody

Catalog # ABO12046

Specification

Anti-SerpinB2 Picoband Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P05120
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	
Rabbit IgG polyclonal antibody for Plasming	ogen activator inhibitor

Rabbit IgG polyclonal antibody for Plasminogen activator inhibitor 2(SERPINB2) detection. Tested with WB, IHC-P in Human.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-SerpinB2 Picoband Antibody - Additional Information

Gene ID 5055

Other Names Plasminogen activator inhibitor 2, PAI-2, Monocyte Arg-serpin, Placental plasminogen activator inhibitor, Serpin B2, Urokinase inhibitor, SERPINB2, PAI2, PLANH2

Calculated MW 46596 MW KDa

Application Details Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μg/ml, Human, By Heat
Western blot, 0.1-0.5 μg/ml, Human

Subcellular Localization Cytoplasm. Secreted, extracellular space.

Protein Name Plasminogen activator inhibitor 2

Contents Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

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.

Purification Immunogen affinity purified.



Cross Reactivity No cross reactivity with other proteins.

Storage

At -20°C for one year. After r°Constitution, at 4°C for one month. It°Can also be aliquotted and stored frozen at -20°C for a longer time.Avoid repeated freezing and thawing.

Anti-SerpinB2 Picoband Antibody - Protein Information

Name SERPINB2

Synonyms PAI2, PLANH2

Function

Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.

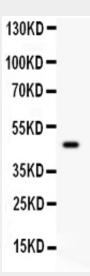
Cellular Location Cytoplasm. Secreted, extracellular space.

Anti-SerpinB2 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

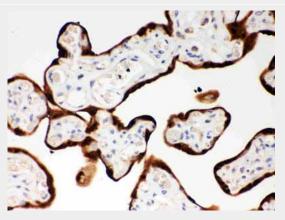
- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-SerpinB2 Picoband Antibody - Images





Anti- SerpinB2 Picoband antibody, ABO12046, Western blottingAll lanes: Anti SerpinB2 (ABO12046) at 0.5ug/mlWB: Human Placenta Tissue Lysate at 50ugPredicted bind size: 47KDObserved bind size: 47KD



Anti- SerpinB2 Picoband antibody, ABO12046,IHC(P)IHC(P): Human Placenta Tissue Anti-SerpinB2 Picoband Antibody - Background

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.