

SERPING1 Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP50849

Specification

SERPING1 Antibody - Product Information

Application Primary Accession Reactivity Host Clonality Calculated MW Antigen Region WB, IHC <u>P05155</u> Human Rabbit Polyclonal 55(epitomics100) KDa 351-379

SERPING1 Antibody - Additional Information

Gene ID 710

Other Names Plasma protease C1 inhibitor, C1 Inh, C1Inh, C1 esterase inhibitor, C1-inhibiting factor, Serpin G1, SERPING1, C1IN, C1NH

Dilution WB~~ 1:1000 IHC~~1:50~100

Format

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions -20℃

SERPING1 Antibody - Protein Information

Name SERPING1

Synonyms C1IN, C1NH

Function

Activation of the C1 complex is under control of the C1- inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein.

Cellular Location Secreted.

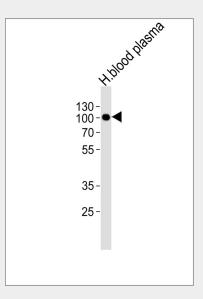


SERPING1 Antibody - Protocols

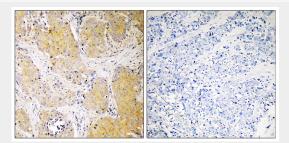
Provided below are standard protocols that you may find useful for product applications.

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

SERPING1 Antibody - Images



Western blot analysis of lysate from human blood plasma tissue lysate, using SERPING1 Antibody, was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using SERPING1 antibody.

SERPING1 Antibody - Background

Activation of the C1 complex is under control of the C1- inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and



kallikrein.

SERPING1 Antibody - References

Que B.G., et al. Biochem. Biophys. Res. Commun. 137:620-625(1986). Bock S.C., et al. Biochemistry 25:4292-4301(1986). Carter P.E., et al. Eur. J. Biochem. 173:163-169(1988). Carter P.E., et al. Eur. J. Biochem. 197:301-308(1991). Heus J., et al. Submitted (OCT-2001) to the EMBL/GenBank/DDBJ databases.