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SERPIND1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6706c

Specification

SERPIND1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P05546

SERPIND1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3053

Other Names
Heparin cofactor 2, Heparin cofactor II, HC-II, Protease inhibitor leuserpin-2, HLS2, Serpin D1, SERPIND1, HCF2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6706c was selected from the Center region of human SERPIND1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SERPIND1 Antibody (Center) Blocking Peptide - Protein Information

Name SERPIND1

Synonyms HCF2

Function
Thrombin inhibitor activated by the glycosaminoglycans, heparin or dermatan sulfate. In the presence of the latter, HC-II becomes the predominant thrombin inhibitor in place of antithrombin III (AT-III). Also inhibits chymotrypsin, but in a glycosaminoglycan- independent manner.

Tissue Location
Expressed predominantly in liver. Also present in plasma

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SERPIND1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

SERPIND1 Antibody (Center) Blocking Peptide - Images

SERPIND1 Antibody (Center) Blocking Peptide - Background

SERPIND1 is a serine proteinase inhibitor which rapidly inhibits thrombin in the presence of dermatan sulfate or heparin. This protein shares homology with antithrombin III and other members of the alpha 1-antitrypsin superfamily. Mutations in its gene are associated with heparin cofactor II deficiency.

SERPIND1 Antibody (Center) Blocking Peptide - References

Huang,S.S., Coron. Artery Dis. 19 (8), 597-602 (2008)Giri,T.K., Blood 107 (7), 2753-2758 (2006)