

Rabbit anti-Human Heparin Cofactor II Polyclonal Antibody | anti-SERPIND1 antibody

Heparin Cofactor II Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301245	Rabbit	Human	Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

Heparin Cofactor II; Polyclonal Antibody; Heparin Cofactor II Antibody; Heparin cofactor 2 [Precursor]; Heparin cofactor II; HC-II; Protease inhibitor leuserpin 2; HLS2; anti-SERPIND1 antibody

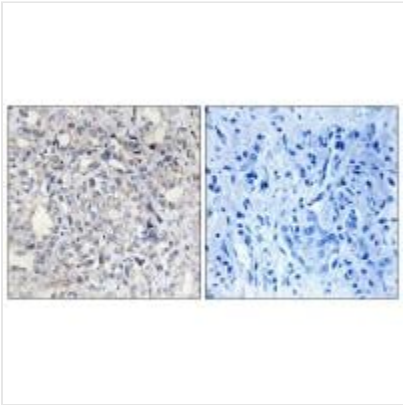
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Heparin Cofactor II protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	499
Applicable Applications for anti-SERPIND1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Heparin Cofactor II.
Target Name	Heparin Cofactor II
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HepG2 cells, using Heparin Cofactor II antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using Heparin Cofactor II antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPIND1 antibody	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. Peptides at the N-terminal of HC-II have chemotactic activity for both monocytes and neutrophils.Blinder M.A., Biochemistry 27:752-759(1988).Herzog R., Biochemistry 30:1350-1357(1991).Collins J.E., Genome Biol. 5:RESEARCH84.1-RESEARCH84.11(2004).
Product Categories/Family for anti-SERPIND1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	73858566
NCBI GeneID	3053
NCBI Accession #	NP_000176.2
NCBI GenBank Nucleotide #	NM_000185.3
UniProt Accession #	P05546; Q6IBZ5; B2RAI1; D3DX34
Molecular Weight	57,071 Da
NCBI Official Full Name	heparin cofactor 2
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade D (heparin cofactor), member 1
NCBI Official Symbol	SERPIND1
NCBI Official Synonym Symbols	HC2; LS2; HCF2; HCII; HLS2; THPH10; D22S673
NCBI Protein Information	heparin cofactor 2
UniProt Protein Name	Heparin cofactor 2
UniProt Gene Name	SERPIND1
UniProt Synonym Gene Names	HCF2; HC-II; HLS2
UniProt Entry Name	HEP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

