

Anti-HC-II antibody



Description	Rabbit polyclonal to HC-II.
Model	STJ93474
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human HC-II
Immunogen Region	10-90 aa, N-terminal
Gene ID	3053
Gene Symbol	SERPIND1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	HC-II Polyclonal Antibody detects endogenous levels of HC-II protein.
Tissue Specificity	Expressed predominantly in liver. Also present in plasma.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Heparin cofactor 2 Heparin cofactor II HC-II Protease inhibitor leuserpin-2 HLS2 Serpin D1
Molecular Weight	60 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4838OMIM:142360
Alternative Names	Heparin cofactor 2 Heparin cofactor II HC-II Protease inhibitor leuserpin-2 HLS2 Serpin D1
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. Peptides at the N-terminal of HC-II have chemotactic activity for both monocytes and neutrophils.
Sequence and Domain Family	The N-terminal acidic repeat region mediates, in part, the glycosaminoglycan-accelerated thrombin inhibition.
Post-translational Modifications	Phosphorylated by FAM20C in the extracellular medium.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com