

Heparin Cofactor II Antibody

Catalog No: #33652

Package Size: #33652-1 50ul #33652-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

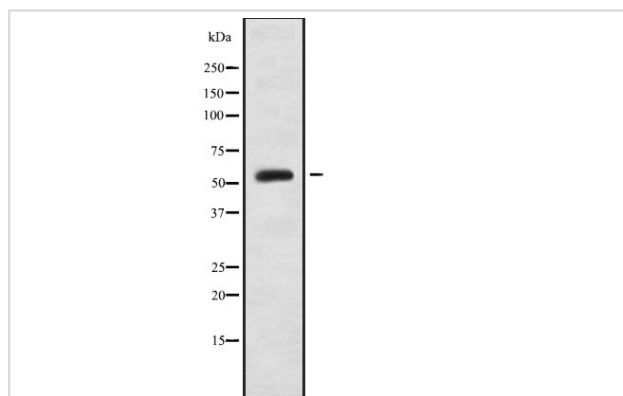
Description

Product Name	Heparin Cofactor II Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total Heparin Cofactor II protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Heparin Cofactor II.
Target Name	Heparin Cofactor II
Other Names	Heparin cofactor 2 [Precursor]; Heparin cofactor II; HC-II; Protease inhibitor leuserpin 2; HLS2
Accession No.	Swiss-Prot: P05546NCBI Gene ID: 3053
Uniprot	P05546
GeneID	3053;
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB dilution: 1:500-1:3000

Images



Western blot analysis of HC-II using K562 whole cell lysates

Background

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).

Note: This product is for in vitro research use only