

## Heparin Cofactor II polyclonal antibody

Catalog: BS65218

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

serpin family D member 1 (SERPIND1) Homo sapiens  
This gene belongs to the serpin gene superfamily. Serpins play roles in many processes including inflammation, blood clotting, and cancer metastasis. Members of this family have highly conserved secondary structures with a reactive center loop that interacts with the protease active site to inhibit protease activity. This gene encodes a plasma serine protease that functions as a thrombin and chymotrypsin inhibitor. The protein is activated by heparin, dermatan sulfate, and glycosaminoglycans. Allelic variations in this gene are associated with heparin cofactor II deficiency. [provided by RefSeq, Jul 2015],

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Molecular Weight:

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### Swiss-Prot:

P05546

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

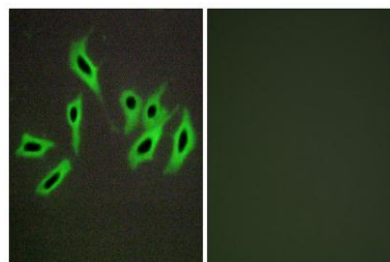
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

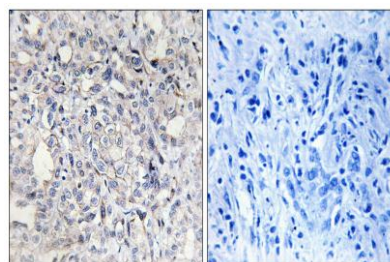
### Specificity:

HC-II Polyclonal Antibody detects endogenous levels of HC-II protein.

### DATA:



Immunofluorescence analysis of HepG2 cells, using Heparin Cofactor II Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using Heparin Cofactor II Antibody. The picture on the right is blocked with the synthesized peptide.

### Note:

For research use only, not for use in diagnostic procedure.

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