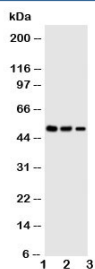


## Kallistatin Antibody (R30721)

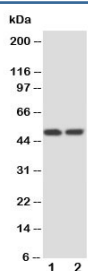
Catalog No.	Formulation	Size
R30721	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

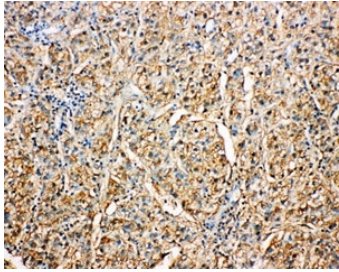
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P29622
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This Kallistatin antibody is available for research use only.



Western blot testing of Kallistatin antibody and Lane 1: SMMC-7721; 2: COLO320; 3: Jurkat cell lysate



Western blot testing of Kallistatin antibody and Lane 1: HeLa; 2: SKOV cell lysate



IHC-P: Kallistatin antibody testing of human liver cancer tissue

## Description

Serpina 4, also called Kallistatin, is a protein that in humans is encoded by the SERPINA4 gene. It is a member of the serpin superfamily and represents a major inhibitor of human tissue kallikrein in circulation. Kallistatin is a serine proteinase inhibitor (serpin) and a heparin-binding protein. It is localized in vascular smooth muscle cells and endothelial cells of blood vessels, suggesting that it may be involved in the regulation of vascular function.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Kallistatin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human Kallistatin (AIKFFSAQTNRHILRFNR) was used as the immunogen for this Kallistatin antibody.

## Storage

After reconstitution, the Kallistatin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.