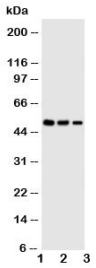
Kallistatin Antibody (R30721)

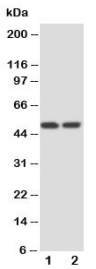
Catalog No.	Formulation	Size
R30721	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

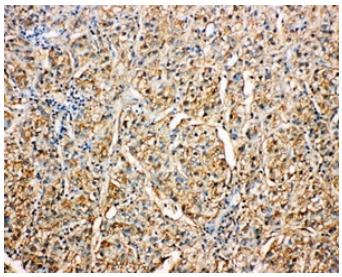
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P29622
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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