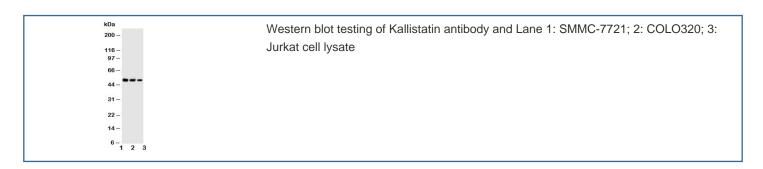


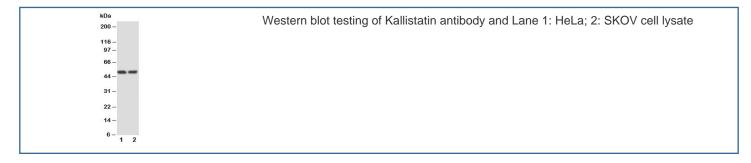
# Kallistatin Antibody (R30721)

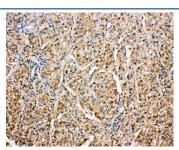
Catalog No.	Formulation	Size
R30721	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

# **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
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.







### **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.