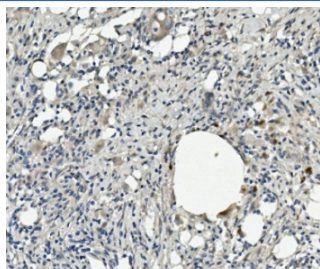


## Kallistatin Antibody / SERPINA4 (RQ6007)

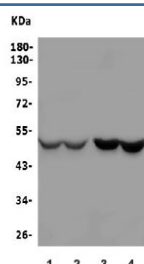
Catalog No.	Formulation	Size
RQ6007	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Monkey, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P29622
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Kallistatin antibody is available for research use only.



IHC staining of FFPE human rectal cancer with Kallistatin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of rat liver (lanes 1-2) and monkey liver (lanes 3-4) lysate with Kallistatin antibody. Predicted molecular weight ~49 kDa.

## Description

Kallistatin is a protein that in humans is encoded by the SERPINA4 gene. It is mapped to 14q32.13. Serpin A4 is a member of the Serpin superfamily of the serine protease inhibitors. Known also as Kallistatin or proteinase inhibitor 4, Serpin A4 has been shown to function as a specific inhibitor of tissue kallikrein and as an inhibitor of angiogenesis and tumor growth.

## Application Notes

Optimal dilution of the Kallistatin antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids H147-A373) was used as the immunogen for the 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.