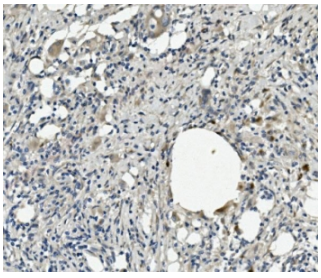
Kallistatin Antibody / SERPINA4 (RQ6007)

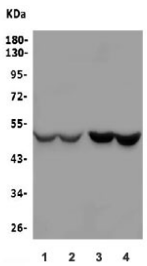
Catalog No.	Formulation	Size
RQ6007	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

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

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