

Kallistatin Polyclonal Antibody

Catalog No: YT5216

Reactivity: Human

Applications: WB;IHC;IF;ELISA

Target: Kallistatin

Gene Name: SERPINA4

Protein Name : Kallistatin

Human Gene Id: 5267

Human Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from the

Internal region of human SERPINA4. AA range:161-210

Specificity: Kallistatin Polyclonal Antibody detects endogenous levels of Kallistatin protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

P29622

Dilution : WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 47kD

Background: function:Inhibits human amidolytic and kininogenase activities of tissue

kallikrein. Inhibition is achieved by formation of an equimolar, heat- and SDS-

stable complex between the inhibitor and the enzyme, and generation of a small C-terminal fragment of the inhibitor due to cleavage at the reactive site by tissue kallikrein.,miscellaneous:Heparin blocks kallistatin's complex formation with tissue kallikrein and abolishes its inhibitory effect on tissue kallikrein's activity.,PTM:The N-terminus is blocked.,similarity:Belongs to the serpin family.,subunit:Monomer and some homodimers.,tissue specificity:Expressed by the liver and secreted in plasma.,

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Subcellular Location:

Secreted.

Expression:

Expressed by the liver and secreted in plasma.

Sort:

8835

No4:

1

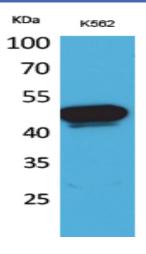
Host:

Rabbit

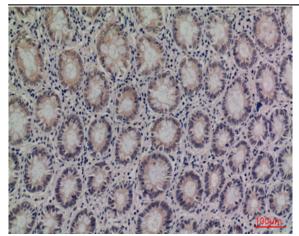
Modifications:

Unmodified

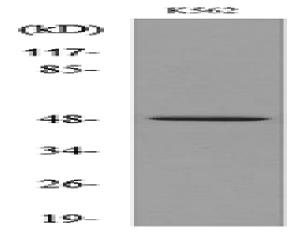
Products Images



Western Blot analysis of K562 cells using Kallistatin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded humancolon, antibody was diluted at 1:100



Western blot analysis of lysate from K562 cells, using SERPINA4 Antibody.