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KLKB1 / Plasma Kallikrein Antibody
Sheep Polyclonal Antibody
Catalog # ALS12464

Specification

KLKB1 / Plasma Kallikrein Antibody - Product Information

Application	**IHC**
Primary Accession	P03952
Reactivity	**Human**
Host	**Sheep**
Clonality	**Polyclonal**
Calculated MW	**71kDa KDa**

KLKB1 / Plasma Kallikrein Antibody - Additional Information

Gene ID 3818

Other Names
Plasma kallikrein, 3.4.21.34, Fletcher factor, Kininogenin, Plasma prekallikrein, Plasma kallikrein heavy chain, Plasma kallikrein light chain, KLKB1, KLK3

Target/Specificity
Specific for PK as demonstrated by immunoelectrophoresis and ELISA.

Reconstitution & Storage
+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions
KLKB1 / Plasma Kallikrein Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

KLKB1 / Plasma Kallikrein Antibody - Protein Information

Name KLKB1

Synonyms KLK3

Function
Participates in the surface-dependent activation of blood coagulation. Activates, in a reciprocal reaction, coagulation factor XII/F12 after binding to negatively charged surfaces. Releases bradykinin from HMW kininogen and may also play a role in the renin- angiotensin system by converting prorenin into renin.

Cellular Location
Secreted.

Tissue Location
Found in plasma (at protein level).

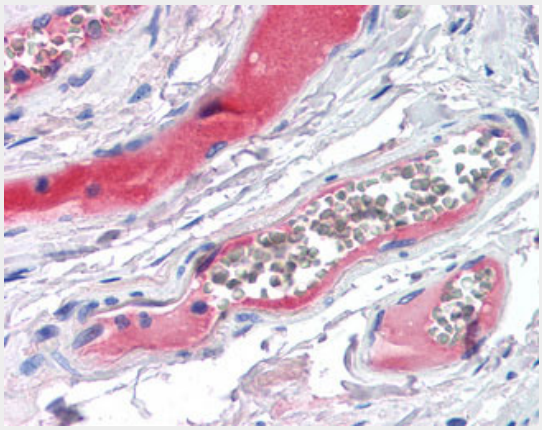
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KLKB1 / Plasma Kallikrein Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KLKB1 / Plasma Kallikrein Antibody - Images



Anti-KLKB1 antibody IHC of human small intestine, vessels.

KLKB1 / Plasma Kallikrein Antibody - Background

The enzyme cleaves Lys-Arg and Arg-Ser bonds. It activates, in a reciprocal reaction, factor XII after its binding to a negatively charged surface. It also releases bradykinin from HMW kininogen and may also play a role in the renin-angiotensin system by converting prorenin into renin.

KLKB1 / Plasma Kallikrein Antibody - References

Chung D.W.,et al.Biochemistry 25:2410-2417(1986).
Yu H.,et al.Genomics 69:225-234(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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