

**KLKB1 Antibody**  
**Rabbit mAb**  
**Catalog # AP91408****Specification****KLKB1 Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P03952</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
Fletcher factor; kallikrein B plasma; Kallikrein B1; Kininogenin; KLK3; KLKB1; PKK; PKKD; Plasma kallikrein light chain; PPK; Prekallikrein;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	71370 Da

**KLKB1 Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500 IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human KLKB1
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**KLKB1 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.

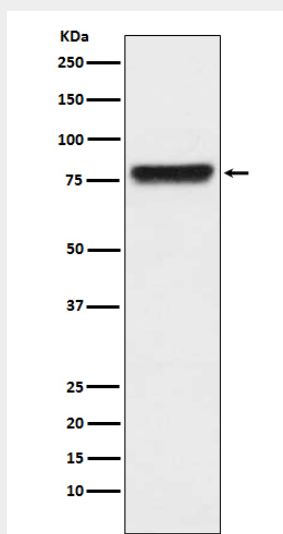
**Tissue Location**

Found in plasma (at protein level).

**KLKB1 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 Cytometry](#)
- [Cell Culture](#)

**KLKB1 Antibody - Images**

Western blot analysis of KLKB1 expression in human plasma lysate.