

# Klkb1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12603

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P14272</a>
<b>Other Accession</b>	<a href="#">NM_012725</a> , <a href="#">NP_036857</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	71274

## Additional Information

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<b>Alias Symbol</b>	Klk3, Kalp1, KALP15, MGC108748, Klkb1
<b>Other Names</b>	Plasma kallikrein, 3.4.21.34, Fletcher factor, Kininogenin, Plasma prekallikrein, Plasma kallikrein heavy chain, Plasma kallikrein light chain, Klkb1, Klk3, Pk
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Klkb1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Klkb1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Klkb1
<b>Synonyms</b>	Klk3, Pk
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted.

## Images

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WB Suggested Anti-Klkb1 Antibody Titration: 1.0  $\mu\text{g/ml}$   
Positive Control: Rat Brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.