

Rabbit anti-Rat Klkb1 Polyclonal Antibody | anti-Klkb1 antibody

Klkb1 Antibody, HRP conjugated

CATALOG # AAA233624	HOST Rabbit	REACTIVITY Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Klkb1; Polyclonal Antibody; Klkb1 Antibody; HRP conjugated; Fletcher factor Kininogenin Plasma prekallikrein Klkb1 Klk3; Pk; anti-Klkb1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	638
Applicable Applications for anti-Klkb1 antibody	ELISA
Immunogen	Recombinant Rat Plasma kallikrein protein (391-638AA)
Conjugation	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-Klkb1 antibody	Plasma prekallikrein is a glycoprotein that participates in the surface-dependent activation of blood coagulation, fibrinolysis, kinin generation and inflammation. It is synthesized in the liver and secreted into the blood as a single polypeptide chain. Plasma prekallikrein is converted to plasma kallikrein by factor XIIa by the cleavage of an internal Arg-Ile bond. Plasma kallikrein therefore is composed of a heavy chain and a light chain held together by a disulphide bond. The heavy chain originates from the amino-terminal end of the zymogen and contains 4 tandem repeats of 90 or 91 amino acids. Each repeat harbors a novel structure called the apple domain. The heavy chain is required for the surface-dependent pro-coagulant activity of plasma kallikrein. The light chain contains the active site or catalytic domain of the enzyme and is homologous to the trypsin family of serine proteases. Plasma prekallikrein deficiency causes a prolonged activated partial thromboplastin time in patients.
Product Categories/Family for anti-Klkb1 antibody	Cancer ; Cardiovascular ; Cell biology ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	125186
NCBI GeneID	25048

UniProt Accession #	P14272
Molecular Weight	71,274 Da
NCBI Official Full Name	Plasma kallikrein
NCBI Official Synonym Full Names	kallikrein B1
NCBI Official Symbol	Klkb1
NCBI Official Synonym Symbols	PK; Klk3; Kalp1; KALP15
NCBI Protein Information	plasma kallikrein
UniProt Protein Name	Plasma kallikrein
UniProt Gene Name	Klkb1
UniProt Synonym Gene Names	Klk3; Pk

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/klkb1-antibody-elisa/233624>