

Rabbit KLKB1 Polyclonal Antibody | anti-KLKB1 antibody

KLKB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232555	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

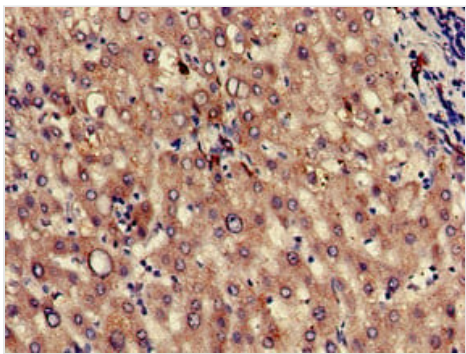
PRODUCT SYNONYMS

KLKB1; Polyclonal Antibody; KLKB1 Antibody; Plasma kallikrein; Fletcher factor; Kininogenin; Plasma prekallikrein; PKK; Plasma kallikrein heavy chain; Plasma kallikrein light chain; KLK3; anti-KLKB1 antibody

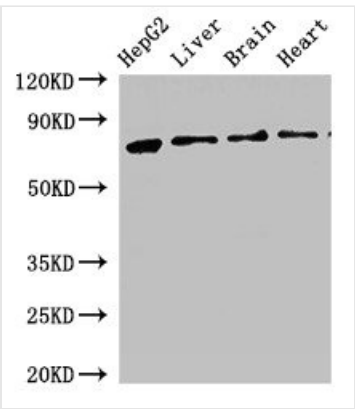
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	638
Applicable Applications for anti-KLKB1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Plasma kallikrein protein (503-612AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-133915 / sc-18658 / sc-18659 / sc-25799
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver tissue using AAA232555 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: HepG2 whole cell lysate,Rat liver tissue,Rat brain tissue,Mouse heart tissueAll lanes: KLKB1 antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 72 KDaObserved band size: 72 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-KLKB1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	78191798
NCBI GeneID	3818
NCBI Accession #	NP_000883.2
NCBI GenBank Nucleotide #	NM_000892.4
UniProt Accession #	P03952; Q17RE8; Q17RE9; Q4W5C3; A6NH96; B2R8H9
Molecular Weight	71,370 Da
NCBI Official Full Name	plasma kallikrein isoform 1 preproprotein
NCBI Official Synonym Full Names	kallikrein B1
NCBI Official Symbol	KLKB1
NCBI Official Synonym Symbols	PKK; PPK; KLK3; PKKD
NCBI Protein Information	plasma kallikrein
UniProt Protein Name	Plasma kallikrein
UniProt Gene Name	KLKB1
UniProt Synonym Gene Names	KLK3; PKK
UniProt Entry Name	KLKB1_HUMAN

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.