

Rabbit anti-Human Kininogen-1 Polyclonal Antibody | anti-KNG1 antibody

Rabbit anti-human Kininogen-1 polyclonal Antibody

CATALOG # AAA229573	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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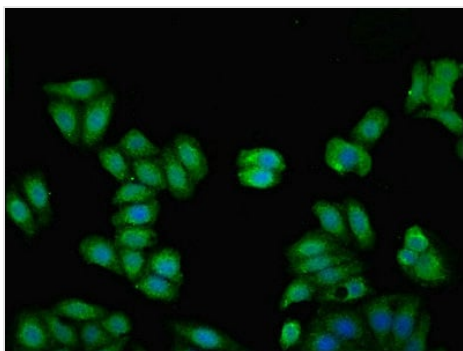
PRODUCT SYNONYMS

Kininogen-1; Polyclonal Antibody; Rabbit anti-human Kininogen-1 polyclonal Antibody; Kininogen-1 protein; Alpha-2-thiol proteinase inhibitor; Fitzgerald factor; High molecular weight kininogen; Williams-Fitzgerald-Flaujeac factor; KNG1; BDK; KNG; anti-KNG1 antibody

PRODUCT SPECIFICATIONS

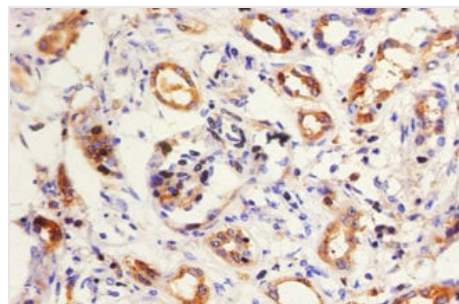
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	427
Applicable Applications for anti-KNG1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Kininogen-1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14941 / sc-25885
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



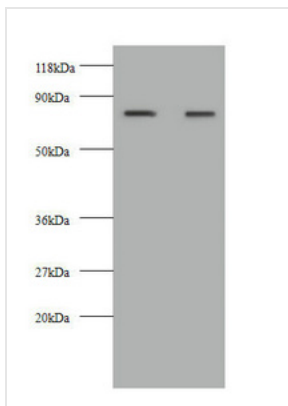
IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA229573 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney at dilution of 1:50



WB (Western Blot)

All lanes: Kininogen-1 antibody at 2ug/ml
 Lane 1: EC109 whole cell lysate
 Lane 2: 293T whole cell lysate
 Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution
 Predicted band size: 72,48,44 kDa
 Observed band size: 71 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KNG1 antibody	Kininogens are inhibitors of thiol proteases; (2) HMW-kininogen plays an important role in blood coagulation by helping to position optimally prekallikrein and factor XI next to factor XII; (3) HMW-kininogen inhibits the thrombin- and plasmin-induced aggregation of thrombocytes; (4) the active peptide bradykinin that is released from HMW-kininogen shows a variety of physiological effects: (4A) influence in smooth muscle contraction, (4B) induction of hypotension, (4C) natriuresis and diuresis, (4D) decrease in blood glucose level, (4E) it is a mediator of inflammation and causes (4E1) increase in vascular permeability, (4E2) stimulation of nociceptors (4E3) release of other mediators of inflammation (e.g. prostaglandins), (4F) it has a cardioprotective effect (directly via bradykinin action, indirectly via endothelium-derived relaxing factor action); (5) LMW-kininogen inhibits the aggregation of thrombocytes; (6) LMW-kininogen is in contrast to HMW-kininogen not involved in blood clotting.
Product Categories/Family for anti-KNG1 antibody	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504893
NCBI GeneID	3827
NCBI Accession #	NP_000884.1
NCBI GenBank Nucleotide #	NM_000893.3
UniProt Accession #	P01042; P01043; Q53EQ0; Q6PAU9; Q7M4P1; A8K474; B2RCR2; C9JEX1
Molecular Weight	43,822 Da
NCBI Official Full Name	kininogen-1 isoform 2
NCBI Official Synonym Full Names	kininogen 1
NCBI Official Symbol	KNG1
NCBI Official Synonym Symbols	BK; BDK; KNG
NCBI Protein Information	kininogen-1
UniProt Protein Name	Kininogen-1
UniProt Gene Name	KNG1
UniProt Synonym Gene Names	BDK; KNG; HMWK
UniProt Entry Name	KNG1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kininogen-1-antibody-immunohistochemistry-western-blot-elisa/229573>