

Rabbit anti-Human Kallikrein 1 Polyclonal Antibody | anti-KLK1 antibody

Anti-Kallikrein 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44970	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Kallikrein 1; Polyclonal Antibody; Anti-Kallikrein 1 antibody; Kallikrein-1; kallikrein 1; Glandular kallikrein 1 antibody; hK 1 antibody; hK1 antibody; Kallikrein serine protease 1 antibody; Kallikrein-1 antibody; Kidney/pancreas/salivary gland kallikrein antibody; Klk 6 antibody; KLK1 antibody; KLK1_HUMAN antibody; Klk6 antibody; KLKR antibody; Tissue kallikrein antibody; anti-KLK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	262
Applicable Applications for anti-KLK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Kallikrein 1 (182-197aa NDECKKAHVQKVTFDM).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-Kallikrein 1 antibody, AAA44970, IHC(P)IHC(P): Human Pancreatic Cancer Tissue



WB (Western Blot)

Anti-Kallikrein 1 antibody, AAA44970, Western blotting
Lane 1: Recombinant Human KLK1 Protein 10ng
Lane 2: Recombinant Human KLK1 Protein 5ng
Lane 3: Recombinant Human KLK1 Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-KLK1 antibody	Description: Rabbit IgG polyclonal antibody for Kallikrein-1(KLK1) detection. Tested with WB, IHC-P in Human. Background: KLK1(KALLIKREIN 1), also called KLKR, is a protein that in humans is encoded by the KLK1 gene. KLK1 is a member of the peptidase S1 family. KLK1 is a serine protease that generates Lys-bradykinin by specific proteolysis of kininogen-1. The KLK1 gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19 and its exact cytogenetic location is 19q13.33. The KLK1 gene contains 5 coding exons. And KLK1 is the most centromeric gene in the cluster. Mice lacking tissue kallikrein are unable to generate significant levels of kinins in most tissues and develop cardiovascular abnormalities early in adulthood despite normal blood pressure. The protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	269849612
NCBI GeneID	3816
UniProt Accession #	P06870; Q66US9; Q86U61; Q8TCV8; Q9BS53; Q9NQU4; Q9UD19; Q9UMJ1
Molecular Weight	23,835 Da
NCBI Official Full Name	Kallikrein-1
NCBI Official Synonym Full Names	kallikrein 1
NCBI Official Symbol	KLK1
NCBI Official Synonym Symbols	hK1; KLKR; Klk6
NCBI Protein Information	kallikrein-1; tissue kallikrein; glandular kallikrein 1; kallikrein serine protease 1; kallikrein 1, renal/pancreas/salivary; kidney/pancreas/salivary gland kallikrein
UniProt Protein Name	Kallikrein-1
UniProt Gene Name	KLK1
UniProt Entry Name	KLK1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/kallikrein-1-antibody-immunohistochemistry-western-blot-elisa/44970>