

Rabbit anti-Human Kallikrein 2 Polyclonal Antibody | anti-KLK2 antibody

Anti-Kallikrein 2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44979	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Kallikrein 2; Polyclonal Antibody; Anti-Kallikrein 2 antibody; Kallikrein-2; kallikrein-related peptidase 2; Glandular kallikrein 2 antibody; Glandular kallikrein-1 antibody; hGK 1 antibody; hGK-1 antibody; hK2 antibody; Kallikrein 2 prostatic antibody; Kallikrein related peptidase 2 antibody; kallikrein; glandular antibody; Kallikrein; prostatic antibody; Kallikrein-2 antibody; KLK 2 antibody; Klk-2 antibody; Klk2 antibody; KLK2_HUMAN antibody; KLK2A 2 antibody; KLK2A2 antibody; MGC12201 antibody; Tissue kallikrein 2 antibody; Tissue kallikrein-2 antibody; Ton antibody; anti-KLK2 antibody

PRODUCT SPECIFICATIONS

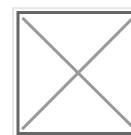
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	261
Applicable Applications for anti-KLK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Kallikrein 2 (243-261aa YTKVVHYRKWIKDTIAANP).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
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



WB (Western Blot)

Anti-Kallikrein 2 antibody, AAA44979, Western blottingAll lanes: Anti Kallikrein 2 (AAA44979) at 0.5ug/mLane 1: PANC Whole Cell Lysate at 40ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: 293T Whole Cell Lysate at 40ugPredicted bind size: 29KDObserved bind size: 29KD



IHC (Immunohistochemistry)

Anti-Kallikrein 2 antibody, AAA44979, IHC(P)IHC(P): Human Prostatic Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-KLK2 antibody	Description: Rabbit IgG polyclonal antibody for Kallikrein-2(KLK2) detection. Tested with WB, IHC-P in Human. Background: KLK2(KALLIKREIN 2), also called GLANDULAR or PROSTATIC, is a protein that in humans is encoded by the KLK2 gene, and is particularly associated with prostatic tissue. The KLK2 is a member of glandular kallikrein gene family that comprises 25 to 30 highly homologous genes that encode specific proteases involved in the processing of biologically active peptides. The KLK2 gene is mapped to 19q13.33. And the KLK2 gene contains 5 exons. An alternative KLK2 transcript, which they call KLK2-linked molecule(KLM), that arises from the use of an alternate donor site within intron 1. KLM shares only the N-terminal 15-amino acid signal peptide with the original KLK2 protein; the mature proteins display no similarity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125174
NCBI GeneID	3817
UniProt Accession #	P20151; Q15946; Q9UJZ9; B4DU93; B4DUB0; F5H8L3
NCBI Official Full Name	Kallikrein-2
NCBI Official Synonym Full Names	kallikrein-related peptidase 2
NCBI Official Symbol	KLK2
NCBI Official Synonym Symbols	hK2; hGK-1; KLK2A2
NCBI Protein Information	kallikrein-2; tissue kallikrein-2; glandular kallikrein 2; glandular kallikrein-1; kallikrein 2, prostatic
UniProt Protein Name	Kallikrein-2
UniProt Gene Name	KLK2
UniProt Synonym Gene Names	hGK-1
UniProt Entry Name	KLK2_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/kallikrein-2-antibody-immunohistochemistry-western-blot-elisa/44979>