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

Kallikrein 2 (KLK2) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286321	**Rabbit**	**Human**	**ELISA, Western Blot**

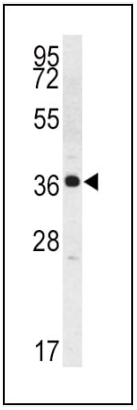
PRODUCT SYNONYMS

Kallikrein 2 (KLK2); Polyclonal Antibody; Kallikrein 2 (KLK2) Antibody (C-term); Kallikrein-2; Glandular kallikrein-1; hGK-1; Tissue kallikrein-2; KLK2; anti-KLK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Kallikrein 2 (KLK2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-197 amino acids from the C-terminal region of human Kallikrein 2 (KLK2).
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	166-197
Sequence Length	223
Applicable Applications for anti-KLK2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Function	Glandular kallikreins cleave Met-Lys and Arg- Ser bonds in kininogen to release Lys-bradykinin.
Preparation and Storage	Mantain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of Kallikrein 2 (KLK2) Antibody (C-term) in K562 cell line lysates (35ug/lane). KLK2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KLK2 antibody	Kallikreins are a group of serine proteases manifesting diverse physiological functions. The glandular kallikreins are a distinct group of serine proteases with an ability to release vasoactive peptides from kininogen in vitro, although the kininogenase activity of different kallikreins is highly variable. Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. Many kallikrein genes are differentially expressed in various malignancies. Human glandular kallikrein (hK2; encoded by the KLK2 gene) is an emerging tumor marker for prostate cancer.
Product Categories/Family for anti-KLK2 antibody	Cancer; Cell Biology; Signal transduction
References	Haese, A., et al., J Urol. 2005 Mar;173(3):752-6. Chiang, C.H., et al., J Urol. 2005 Feb;173(2):429-32. Clements, J.A., et al., Crit Rev Clin Lab Sci. 2004;41(3):265-312. Borgono, C.A., et al., Mol Cancer Res. 2004 May;2(5):257-80. Yousef, G.M., Clin Biochem. 2003 Sep;36(6):443-52.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50363237
NCBI GeneID	3817
NCBI Accession #	NP_001002231.1; NP_001243009.1; NP_005542.1
NCBI GenBank Nucleotide #	NM_001002231.2
UniProt Accession #	P20151; Q15946; Q9UJZ9; B4DU93; B4DUB0; F5H8L3
Molecular Weight	28671
NCBI Official Full Name	kallikrein-2 isoform 2 preproprotein
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
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-klk2-antibody-western-blot-elisa/286321