

Rabbit KLK2 Polyclonal Antibody | anti-KLK2 antibody

KLK2 Antibody

CATALOG # AAA326870	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KLK2 antibody detects endogenous levels of total KLK2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	223
Applicable Applications for anti-KLK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human KLK2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Hela lysate, using KLK2antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326870 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-KLK2 antibody	Description: This gene encodes a member of the grandular kallikrein protein family. Kallikreins are a subgroup of serine proteases that are clustered on chromosome 19. Members of this family are involved in a diverse array of biological functions. The protein encoded by this gene is a highly active trypsin-like serine protease that selectively cleaves at arginine residues. This protein is primarily expressed in prostatic tissue and is responsible for cleaving pro-prostate-specific antigen into its enzymatically active form. This gene is highly expressed in prostate tumor cells and may be a prognostic maker for prostate cancer risk. Alternate splicing results in both coding and non-coding transcript variants. Function: Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. Similarity: Belongs to the peptidase S1 family. Kallikrein subfamily.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	50363237
NCBI GeneID	3817
NCBI Accession #	NP_001002231.1
NCBI GenBank Nucleotide #	NM_001002231.2
UniProt Accession #	P20151; Q15946; Q9UJZ9; B4DU93; B4DUB0; F5H8L3
Molecular Weight	Observed: 29 kDa Predicted: 29 kDa
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

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.