

Rabbit anti-Human KLK10 Polyclonal Antibody | anti-KLK10 antibody

KLK10 Antibody (N-term)

CATALOG # AAA284429	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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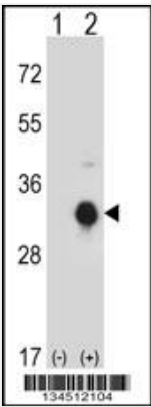
PRODUCT SYNONYMS

KLK10; Polyclonal Antibody; KLK10 Antibody (N-term); Kallikrein-10; 3421-; Normal epithelial cell-specific 1; Protease serine-like 1; NES1; PRSSL1; anti-KLK10 antibody

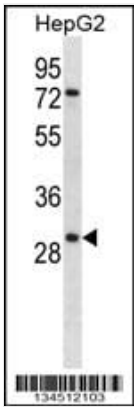
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KLK10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-51 amino acids from the N-terminal region of human KLK10.
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 purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	22-51
Sequence Length	276
Applicable Applications for anti-KLK10 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of KLK10 (arrow) using rabbit polyclonal KLK10 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the KLK10 gene.



WB (Western Blot)
KLK10 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the KLK10 antibody detected the KLK10 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KLK10 antibody	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq].
Product Categories/Family for anti-KLK10 antibody	Cancer; Cell Biology; Signal transduction
References	Batra, J., et al. Int. J. Gynecol. Cancer 20(4):529-536(2010) Klein, R.J., et al. Cancer Prev Res (Phila) 3(5):611-619(2010) Papageorgis, P., et al. Cancer Res. 70(3):968-978(2010) Lu, C.Y., et al. Genes Chromosomes Cancer 48(12):1057-1068(2009) Sardana, G., et al. Clin. Biochem. 42 (13-14), 1483-1486 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	117422433
NCBI GeneID	5655
NCBI Accession #	NP_001070968.1; NP_002767.2; NP_665895.1
NCBI GenBank Nucleotide #	NM_001077500.1
UniProt Accession #	O43240; Q53YL3; Q99920; Q9GZW9; A6NC12
Molecular Weight	30170
NCBI Official Full Name	kallikrein-10 preproprotein
NCBI Official Synonym Full Names	kallikrein-related peptidase 10
NCBI Official Symbol	KLK10
NCBI Official Synonym Symbols	NES1; PRSSL1

NCBI Protein Information	kallikrein-10
UniProt Protein Name	Kallikrein-10
UniProt Gene Name	KLK10
UniProt Synonym Gene Names	NES1; PRSSL1
UniProt Entry Name	KLK10_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://www.aaabiotech.com/polyclonal/klk10-antibody-western-blot-elisa/284429>