

Rabbit KLK6 Polyclonal Antibody | anti-KLK6 antibody

KLK6 antibody - N-terminal region

CATALOG # AAA197686	HOST Rabbit	REACTIVITY Dog, Horse, Human	APPLICATIONS Western Blot, Immunohistochemistry
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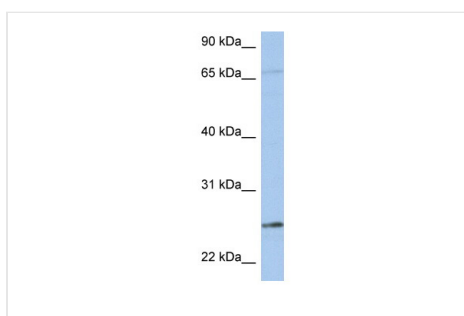
PRODUCT SYNONYMS

KLK6; Polyclonal Antibody; KLK6 antibody - N-terminal region; anti-KLK6 antibody

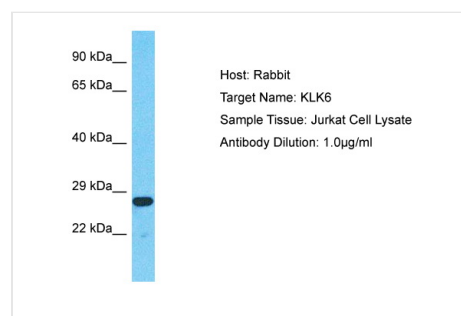
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Horse, Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KH NLRQRESSQE QSSVVRVAVIH PDYDAASHDQ DIMLLRLARP AKLSELIQ
Sequence Length	244
Applicable Applications for anti-KLK6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 92%; Horse: 92%; Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KLK6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

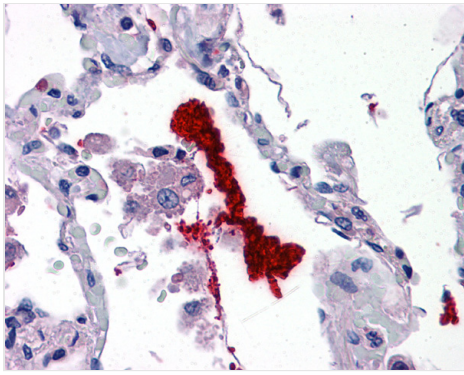
IMAGES


WB (Western Blot)

WB Suggested Anti-KLK6 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate


WB (Western Blot)

Host: Rabbit Target Name: KLK6 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Lung

ADDITIONAL INFORMATION

Related Product Information for anti-KLK6 antibody	This is a rabbit polyclonal antibody against KLK6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. The gene that encodes KLK6 protein is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. KLK6 is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer's disease. 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. The encoded enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer's disease. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene.
Product Categories/Family for anti-KLK6 antibody	Polyclonal; Transcription Factor; Signal Proteins; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; GPCR; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	61744424
NCBI GeneID	5653
NCBI Accession #	NP_001012982
NCBI GenBank Nucleotide #	NM_001012964
UniProt Accession #	Q92876
Molecular Weight	25kDa
NCBI Official Full Name	kallikrein-6 isoform A preproprotein
NCBI Official Synonym Full Names	kallikrein related peptidase 6
NCBI Official Symbol	KLK6
NCBI Official Synonym Symbols	hK6; Bssp; Klk7; SP59; PRSS9; PRSS18
NCBI Protein Information	kallikrein-6
UniProt Protein Name	Kallikrein-6
UniProt Gene Name	KLK6
UniProt Synonym Gene Names	PRSS18; PRSS9

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/klk6-antibody-western-blot-immunohistochemistry-elisa/197686>