

Rabbit anti-Human Kallikrein 6 Polyclonal Antibody | anti-KLK6 antibody

Anti-Kallikrein 6 antibody

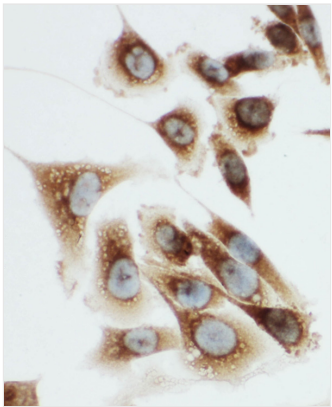
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45162	Rabbit	Human	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

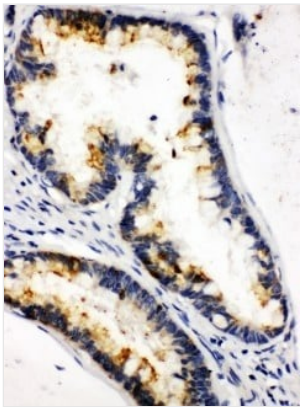
Kallikrein 6; Polyclonal Antibody; Anti-Kallikrein 6 antibody; Kallikrein-6; kallikrein-related peptidase 6; Bssp antibody; hK 6 antibody; hK6 antibody; Kallikrein 6 precursor antibody; Kallikrein related peptidase 6 antibody; Kallikrein-6 antibody; Kallikrein6 antibody; KLK 6 antibody; Klk 7 antibody; KLK 9 antibody; Klk29 antibody; Klk6 antibody; KLK6_HUMAN antibody; Klk7 antibody; KLK9 antibody; MGC9355 antibody; mGK 1 antibody; mGK1 antibody; MSP antibody; Neurosin antibody; Protease M antibody; Protease serine 18 antibody; Protease serine 9 antibody; PRSS 18 antibody; PRSS 9 antibody; PRSS18 antibody; PRSS9 antibody; Serine protease 18 antibody; Serine protease 9 antibody; SP 59 antibody; SP59 antibody; Tissue kallikrein antibody; TK antibody; Zyme antibody; anti-KLK6 antibody

PRODUCT SPECIFICATIONS

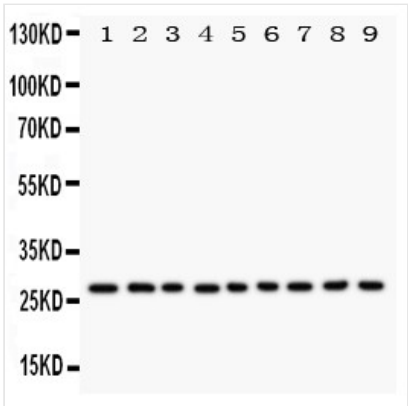
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	244
Applicable Applications for anti-KLK6 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Kallikrein 6 (227-244aa YTNVCRYTNWIQKTIQAK).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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.



ICC (Immunocytochemistry)
Anti-Kallikrein 6 antibody, AAA45162, ICCICC: PC-3 Cell



IHC (Immunohistochemistry)
Anti-Kallikrein 6 antibody, AAA45162, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
Anti-Kallikrein 6 antibody, AAA45162, Western blottingAll lanes: Anti Kallikrein 6 (AAA45162) at 0.5ug/mL
Lane 1: MCF-7 Whole Cell Lysate at 40ug
Lane 2: HELA Whole Cell Lysate at 40ug
Lane 3: MM231 Whole Cell Lysate at 40ug
Lane 4: MM453 Whole Cell Lysate at 40ug
Lane 5: A549 Whole Cell Lysate at 40ug
Lane 6: SMMC Whole Cell Lysate at 40ug
Lane 7: COLO320 Whole Cell Lysate at 40ug
Lane 8: SW620 Whole Cell Lysate at 40ug
Lane 9: HT1080 Whole Cell Lysate at 40ug
Predicted bind size: 27KD
Observed bind size: 27KD

ADDITIONAL INFORMATION

Related Product Information for anti-KLK6 antibody	Description: Rabbit IgG polyclonal antibody for Kallikrein-6(KLK6) detection. Tested with WB, IHC-P, ICC in Human. Background: KLK6(Kallikrein-related peptidase 6), also called KALLIKREIN 6, NEUROSIN, PROTEASE M, ZYME or PRSS9, is a protein that in humans is encoded by the KLK6 gene. 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. Northern blot analysis revealed that the PRSS9 mRNA was expressed in several primary tumors and cell lines from mammary, prostate, and ovarian cancers, but was not detected in any metastases of these cancers. The KLK6 gene is mapped on 19q13.41. 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. Upon cellular stress, neurosin was released from mitochondria to the cytosol, which resulted in the increase of degraded alpha-synuclein species. Neurosin may play a significant role in physiologic alpha-synuclein degradation and also in the pathogenesis of synucleinopathies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3914480
NCBI GeneID	5653
UniProt Accession #	Q92876; Q6H301; A6NJA1; A8MW09

Molecular Weight	4,333 Da
NCBI Official Full Name	Kallikrein-6
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; zyme; neurosin; protease M; serine protease 9; serine protease 18
UniProt Protein Name	Kallikrein-6
UniProt Gene Name	KLK6
UniProt Synonym Gene Names	PRSS18; PRSS9
UniProt Entry Name	KLK6_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-6-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45162>