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

KLK6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230148	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

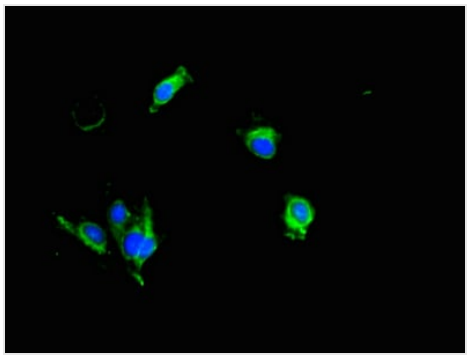
PRODUCT SYNONYMS

KLK6; Polyclonal Antibody; KLK6 Antibody; Kallikrein-6; Neurosin; Protease M; SP59; Serine protease 18; Serine protease 9; Zyme; PRSS18; PRSS9; anti-KLK6 antibody

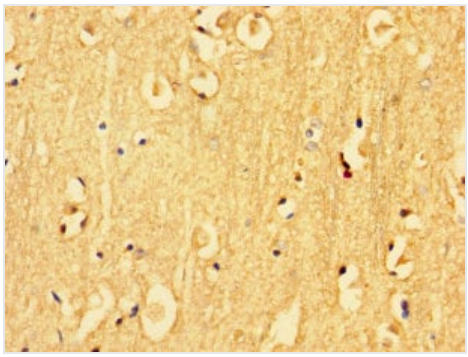
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	244
Applicable Applications for anti-KLK6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Kallikrein-6 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-374564 / sc-20624 / sc-20377 / sc-20376
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

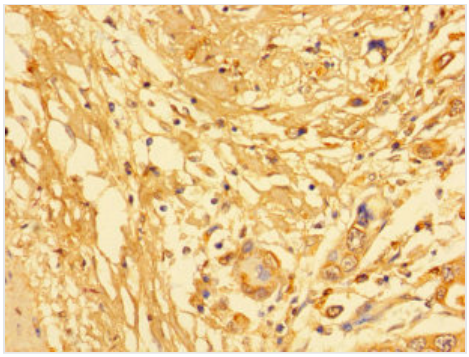
IMAGES



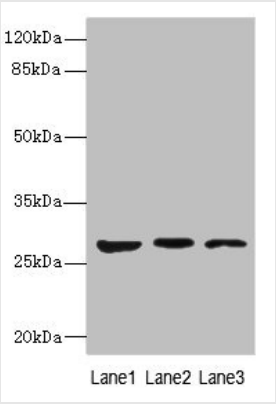
IF (Immunofluorescence)
Immunofluorescent analysis of HeLa cells using AAA230148 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA230148 at dilution of 1:100



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human pancreatic cancer using AAA230148 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: KLK6 antibody at 5ug/mlLane 1: Mouse liver tissueLane 2: Mouse brain tissueLane 3: A375 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 27,16,5 kDaObserved band size: 27 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KLK6 antibody	Serine protease which exhibits a preference for Arg over Lys in the substrate P1 position and for Ser or Pro in the P2 position. Shows activity against amyloid precursor protein, myelin basic protein, gelatin, casein and extracellular matrix proteins such as fibronectin, laminin, vitronectin and collagen. Degrades alpha-synuclein and prevents its polymerization, indicating that it may be involved in the pathogenesis of Parkinson disease and other synucleinopathies. May be involved in regulation of axon outgrowth following spinal cord injury. Tumor cells treated with a neutralizing KLK6 antibody migrate less than control cells, suggesting a role in invasion and metastasis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61744424
NCBI GeneID	5653
NCBI Accession #	NP_001012982.1
NCBI GenBank Nucleotide #	NM_001012964.2
UniProt Accession #	Q92876; Q6H301; A6NJA1; A8MW09
Molecular Weight	4,333 Da
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
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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