

Rabbit KLK5 Polyclonal Antibody | anti-KLK5 antibody

KLK5 Polyclonal Antibody

CATALOG # AAA36830	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	---

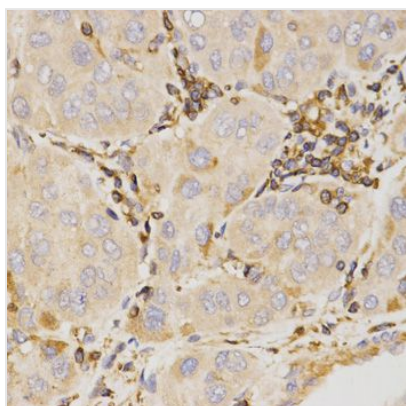
PRODUCT SYNONYMS

KLK5; Polyclonal Antibody; KLK5 Polyclonal Antibody; SCTE; KLKL2; KLK-L2; anti-KLK5 antibody

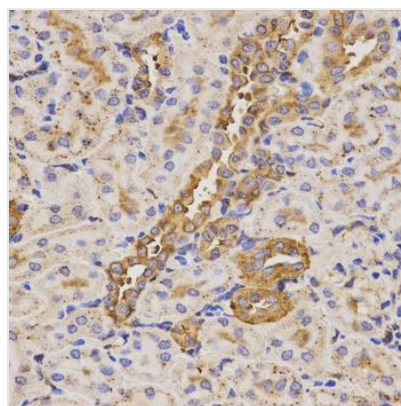
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	293
Applicable Applications for anti-KLK5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Category	Primary antibody
Cross-Reactivity	Human , Mouse , Rat
Immunogen	A synthetic peptide of human KLK5
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.

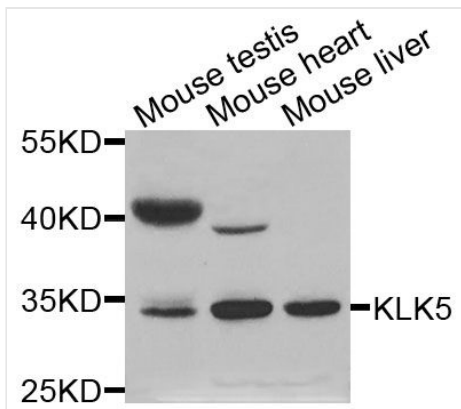
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human liver cancer using KLK5 antibody at dilution of 1:200 (40x lens).


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded rat kidney using KLK5 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KLK5 antibody at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-KLK5 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 expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein.
Product Categories/Family for anti-KLK5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	296434569
NCBI GeneID	25818
UniProt Accession #	Q9Y337; Q53ZR3; Q9HBG8
Molecular Weight	Observed MW: 32kDa Calculated MW: 32kDa
NCBI Official Full Name	Kallikrein-5
NCBI Official Synonym Full Names	kallikrein-related peptidase 5
NCBI Official Symbol	KLK5
NCBI Official Synonym Symbols	SCTE; KLKL2; KLK-L2
NCBI Protein Information	kallikrein-5; kallikrein 5; kallikrein-like protein 2; stratum corneum tryptic enzyme
UniProt Protein Name	Kallikrein-5
UniProt Gene Name	KLK5
UniProt Synonym Gene Names	SCTE; KLK-L2
UniProt Entry Name	KLK5_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.