

Rabbit anti-Mouse Kallikrein 7/KLK7 Polyclonal Antibody | anti-KLK7 antibody

Anti-Kallikrein 7/KLK7 Antibody, Rabbit Polyclonal

CATALOG # AAA257240	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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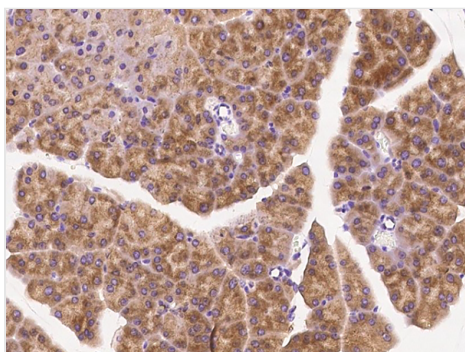
PRODUCT SYNONYMS

Kallikrein 7/KLK7; Polyclonal Antibody; Anti-Kallikrein 7/KLK7 Antibody; Rabbit Polyclonal; KLK7/Kallikrein 7(PRSS6) Antibody; Rabbit PAb; Antigen Affinity Purified; kallikrein-related peptidase 7; Anti-Prss6 Antibody; Anti-SCCE Antibody; anti-KLK7 antibody

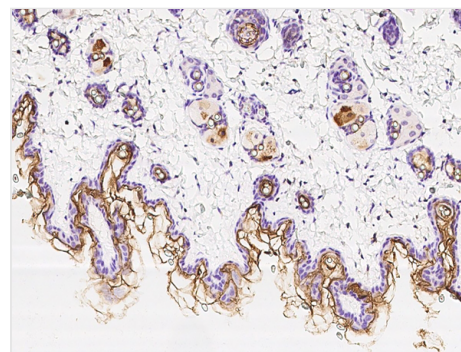
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse KLK7/Kallikrein 7 (PRSS6)
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-KLK7 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse KLK7/Kallikrein 7(PRSS6) Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse KLK7/Kallikrein 7(PRSS6) (rM KLK7/Kallikrein 7(PRSS6)). KLK7/Kallikrein 7(PRSS6) specific IgG was purified by Mouse KLK7/Kallikrein 7(PRSS6) affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of mouse KLK7 in mouse pancreas with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of mouse KLK7 in mouse skin with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-KLK7 antibody	Kallikrein-7, also known as kallikrein-related peptidase 7, Stratum corneum chymotryptic enzyme, Serine protease 6, KLK7, and PRSS6, is a secreted protein that belongs to the peptidase S1 family and Kallikrein subfamily. Members of the Kallikrein family are involved in various malignancies such as prostate (PSA, KLK2, KLK15), ovarian (KLK4, KLK5, KLK6, KLK8, KLK1), and breast cancer (KLK1, KLK13, KLK14). Kallikrein-7/KLK7 appears to be increased in ovarian cancer and higher KLK7 expression in ovarian cancer tissue is associated with poorer prognosis of ovarian cancer patients. Kallikrein-7/KLK7 is abundantly expressed in the skin and is expressed by keratinocytes in the epidermis. Kallikrein-7/KLK7 is up-regulated in ovarian carcinoma, especially late-stage serous carcinoma, compared with normal ovaries and benign adenomas (at the protein level). It was significantly associated with shorter overall survival (OS) and disease-free survival (DFS). Kallikrein-7/KLK7 may catalyze the degradation of intercellular cohesive structures in the cornified layer of the skin in the continuous shedding of cells from the skin surface. KLK7 also plays a role in the activation of precursors to inflammatory cytokines.
Product Categories/Family for anti-KLK7 antibody	Serine Proteases and Regulators
References	Hansson L., et al., (1994), Cloning, expression, and characterization of stratum corneum chymotryptic enzyme. A skin-specific human serine proteinase. J. Biol. Chem. 269:19420-19426.Yousef G.M., et al., (2000), The KLK7 (PRSS6) gene, encoding for the stratum corneum chymotryptic enzyme is a new member of the human kallikrein gene family --genomic characterization, mapping, tissue expression and hormonal regulation.Gene 254:119-128.Gan L., et al., (2000), Sequencing and expression analysis of the serine protease gene cluster located in chromosome 19q13 region.Gene 257:119-130.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18777665
NCBI GeneID	23993
NCBI Accession #	NP_036002.1
NCBI GenBank Nucleotide #	NM_011872.3
UniProt Accession #	Q91VE3; Q9R048
Molecular Weight	27,257 Da
NCBI Official Full Name	kallikrein-7 preproprotein
NCBI Official Synonym Full Names	kallikrein related-peptidase 7 (chymotryptic, stratum corneum)
NCBI Official Symbol	Klk7
NCBI Official Synonym Symbols	SCCE; Prss6
NCBI Protein Information	kallikrein-7
UniProt Protein Name	Kallikrein-7
UniProt Gene Name	Klk7
UniProt Synonym Gene Names	Prss6; Scce

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.