

Rabbit KLK7 Polyclonal Antibody | anti-KLK7 antibody

KLK7 Polyclonal Antibody

CATALOG # AAA168879	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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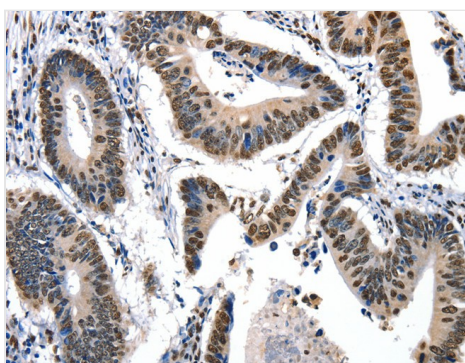
PRODUCT SYNONYMS

KLK7; Polyclonal Antibody; KLK7 Polyclonal Antibody; hK7; SCCE; PRSS6; anti-KLK7 antibody

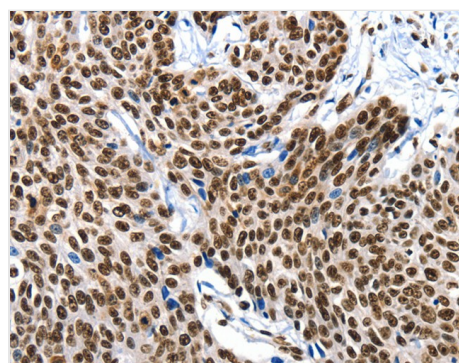
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	246
Applicable Applications for anti-KLK7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human KLK7
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

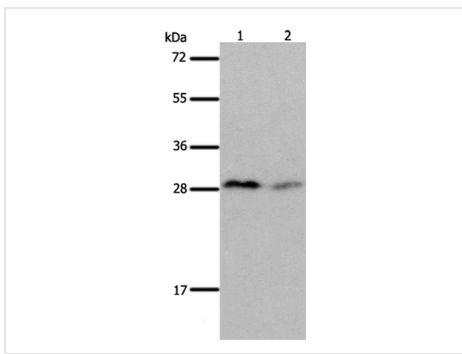
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using KLK7 Polyclonal Antibody at dilution of 1:10


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using KLK7 Polyclonal Antibody at dilution of 1:10



WB (Western Blot)

Western Blot analysis of Mouse brain and kidney tissue using KLK7 Polyclonal Antibody at dilution of 1:600

ADDITIONAL INFORMATION

Related Product Information for anti-KLK7 antibody	This gene encodes a member of the kallikrein subfamily of serine proteases. These enzymes have diverse physiological functions and many kallikrein genes are biomarkers for cancer. The encoded protein has chymotrypsin-like activity and plays a role in the proteolysis of intercellular cohesive structures that precedes desquamation, the shedding of the outermost layer of the epidermis. The encoded protein may play a role in cancer invasion and metastasis, and increased expression of this gene is associated with unfavorable prognosis and progression of several types of cancer. Polymorphisms in this gene may play a role in the development of atopic dermatitis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, which is one of fifteen kallikrein subfamily members located in a gene cluster on chromosome 19.
Product Categories/Family for anti-KLK7 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	341823646
NCBI GeneID	5650
NCBI Accession #	NP_001230055.1
NCBI GenBank Nucleotide #	NM_001243126.1
Molecular Weight	19,887 Da
NCBI Official Full Name	kallikrein-7 isoform 3
NCBI Official Synonym Full Names	kallikrein-related peptidase 7
NCBI Official Symbol	KLK7
NCBI Official Synonym Symbols	hK7; SCCE; PRSS6
NCBI Protein Information	kallikrein-7; kallikrein 7 (chymotryptic, stratum corneum); serine protease 6; signal protein; stratum corneum chymotryptic enzyme
UniProt Protein Name	Kallikrein-7
UniProt Gene Name	KLK7
UniProt Synonym Gene Names	PRSS6; SCCE; hK7; hSCCE
UniProt Entry Name	KLK7_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.