

Anti-KLK7 / Kallikrein 7 Antibody (aa1-253)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18256

Product Information

Application	WB, IHC-P
Primary Accession	P49862
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27525
Concentration (mg/ml)	0.7 mg/ml

Additional Information

Gene ID	5650
Alias Symbol	KLK7
Other Names	KLK7, HK7, Kallikrein-related peptidase 7, HSCCE, Kallikrein 7, Kallikrein-7, PRSS6, Serine protease 6, SCCE, Signal protein
Target/Specificity	Human KLK7 / Kallikrein 7
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-KLK7 / Kallikrein 7 Antibody (aa1-253) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KLK7
Synonyms	PRSS6, SCCE
Function	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. Specific for amino acid residues with aromatic side chains in the P1 position. Cleaves insulin A chain at '14-Tyr- -Gln-15' and insulin B chain at '6-Leu- -Cys-7', '16-Tyr- -Leu-17', '25-Phe- -Tyr-26' and '26-Tyr- -Thr-27'. Could play a role in the activation of precursors to inflammatory cytokines.
Cellular Location	Secreted. Note=In ovarian carcinoma, secreted and also observed at the apical membrane and in cytoplasm at the invasive front
Tissue Location	Abundantly expressed in the skin and is expressed by keratinocytes in the epidermis. Also expressed in the brain, mammary gland, cerebellum, spinal

cord and kidney. Lower levels in salivary glands, uterus, thymus, thyroid, placenta, trachea and testis. Up- regulated in ovarian carcinoma, especially late-stage serous carcinoma, compared with normal ovaries and benign adenomas (at protein level)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.