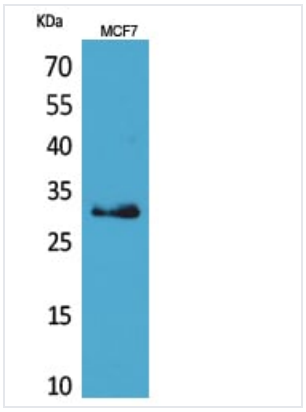
KLK1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KLK1, Polyclonal Antibody
Full Product Name	KLK1 Antibody
Product Gene Name	anti-KLK1 antibody
Product Synonym Names	KLK1; Kallikrein-1; Kidney/pancreas/salivary gland kallikrein; Tissue kallikrein
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Concentration	1 mg/ml (lot specific)
Specificity	KLK1 Antibody detects endogenous levels of KLK1 protein.
Preparation and Storage	Store at -20 degree C for 1 year.
Molecular Weight	28
OMIM	M25629 mRNA
3D Structure	ModBase 3D Structure for P06870
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human KLK1.
Immunogen Range	81-130
Applications Tested/Suitable for anti-KLK1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-KLK1 antibody	WB: 1:500~1:1000 ELISA: 1:10000
Related Product Information for anti-KLK1 antibody	MBS9507439 is an antibody targeting KLK1. Also known as KLK1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-KLK1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-KLK1 antibody
Western Blot analysis of extracts from MCF7 cells using KLK1 Antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KLK1. It may not necessarily be applicable to this product.

NCBI GI #	4504875
NCBI GeneID	3816
NCBI Accession #	NP_002248.1
UniProt Primary Accession #	P06870
UniProt Secondary Accession #	Q66US9; Q86U61; Q8TCV8; Q9BS53; Q9NQU4; Q9UD19; Q9UMJ1
UniProt Related Accession #	P06870
GenBank Nucleotide #	NM_002257.3
NCBI Official Full Name	kallikrein-1 preproprotein
NCBI Official Synonym Full Names	kallikrein 1
NCBI Official Symbol	KLK1
NCBI Official Synonym Symbols	hK1; KLKR; Klk6
UniProt Protein Name	Kallikrein-1
UniProt Synonym Protein Names	Kidney/pancreas/salivary gland kallikrein; Tissue kallikrein
Protein Family	Blarinasin
UniProt Gene Name	KLK1
NCBI Protein Information	kallikrein-1
NCBI Summary for KLK1	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. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq, Jul 2008]
UniProt Comments for KLK1	Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin.
Research Articles on KLK1	**1.** Recognition of anti-tumor necrosis factor-alpha (TNF-alpha) or Kallikrein Inhibitor may lead to therapeutics to enhance existing treatments for patients who do not respond to anti-vascular endothelial growth factor (VEGF) therapies.

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