KLK15 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KLK15, Polyclonal Antibody
Full Product Name	KLK15 antibody
Product Gene Name	anti-KLK15 antibody
Product Synonym Names	Polyclonal KLK15; Anti-KLK15; KLK 15; KLK15; KLK-15; Kallikrein 15; KLK -15
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Affinity purified IgG supplied in PBS with 0.02% NaN3.
Purity/Purification	KLK15 antibody was purified by affinity chromatography.
Concentration	1.0 mg/ml (lot specific)
Specificity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.
Molecular Weight	28,016 Da
OMIM	610601
3D Structure	ModBase 3D Structure for Q6ISI0
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	KLK15 antibody was raised in rabbit using residues 75-87 [HNLRKRDGPEQLR] of the 28 kDa human KLK15 protein as the immunogen.
Product Categories/Family for anti-KLK15 antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies
Applications Tested/Suitable for anti-KLK15 antibody	Western Blot (WB)
Application Notes for anti-KLK15 antibody	WB: 1:500-1:1,000
Related Product Information for anti-KLK15 antibody	MBS535976 is an antibody targeting KLK15. Also known as KLK15 antibody. Reactive in Human. Host: Rabbit. Affinity purified Rabbit polyclonal KLK15 antibody
Other Notes	Small volumes of anti-KLK15 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KLK15. It may not necessarily be applicable to this product.

NCBI GI #	20302147

NCBI GeneID	55554
NCBI Accession #	NP_612631.1
UniProt Primary Accession #	Q6ISI0
UniProt Secondary Accession #	Q15358; Q6ISI0; Q9H2R3; Q9H2R4; Q9H2R6; Q9HBG9; A0AUY8
UniProt Related Accession #	Q9H2R5
GenBank Nucleotide #	NM_138564.1
NCBI Official Synonym Full Names	kallikrein-related peptidase 15
NCBI Official Symbol	KLK15
NCBI Official Synonym Symbols	ACO; HSRNASPH
UniProt Protein Name	Kallikrein-15
UniProt Synonym Protein Names	ACO protease
Protein Family	Kallikrein
UniProt Gene Name	KLK15
UniProt Entry Name	KLK15_HUMAN
NCBI Protein Information	kallikrein-15
NCBI Summary for KLK15	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. In prostate cancer, this gene has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. The gene contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]
UniProt Comments for KLK15	KLK15: Protease whose physiological substrate is not yet known. Belongs to the peptidase S1 family. Kallikrein subfamily. 4 isoforms of the human protein are produced by alternative splicing. Protein type: EC 3.4.21.-; Protease; Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 19q13.41 Cellular Component: extracellular region Molecular Function: serine-type peptidase activity; serine-type endopeptidase activity Biological Process: proteolysis
Research Articles on KLK15	**1.** Advanced pathologic stage was associated with significantly higher expression of KLK15 and PCA3 mRNAs.
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