KLK15 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KLK15, Polyclonal Antibody
Full Product Name	KLK15 Rabbit pAb
Product Gene Name	anti-KLK15 antibody
Product Synonym Gene Name	ACO; HSRNASPH
Product Synonym Names	kallikrein-related peptidase 15
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C.
Molecular Weight	28kDa
OMIM	610601
3D Structure	ModBase 3D Structure for Q9H2R5
Immunogen	Fusion protein of human KLK15
Cellular Localization	Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KLK15 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-KLK15 antibody	WB: 200-1000 IHC: 25-100
Related Product Information for anti-KLK15 antibody	MBS8537663 is an antibody targeting KLK15. Also known as KLK15 Rabbit pAb. Reactive in Human. Host: Rabbit.
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 #	18202940
NCBI GeneID	55554
NCBI Accession #	Q9H2R5.1
UniProt Primary Accession #	Q9H2R5

UniProt Related Accession #	Q9H2R5
NCBI Official Full Name	Kallikrein-15
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: Secreted, signal peptide; Secreted; Protease; EC 3.4.21.- 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.** KLK15 may be able to cleave many ECM components, similar to several members of the KLK family. Thus the protease could potentially be linked to tumorigenesis by promoting metastasis via this mechanism.
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