

Anti-Kallikrein 2 Antibody

Catalog # ABO10940

Product Information

Application	WB, IHC-P
Primary Accession	P20151
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Kallikrein-2(KLK2) detection. Tested with WB, IHC-P in Human.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	3817
Other Names	Kallikrein-2, 3.4.21.35, Glandular kallikrein-1, hGK-1, Tissue kallikrein-2, KLK2
Calculated MW	28671
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human
Source	Eukaryota
Protein Name	Kallikrein-2
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Kallikrein 2(243-261aa YTKVVHYRKWIKDTIAANP).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the peptidase S1 family. Kallikrein subfamily.

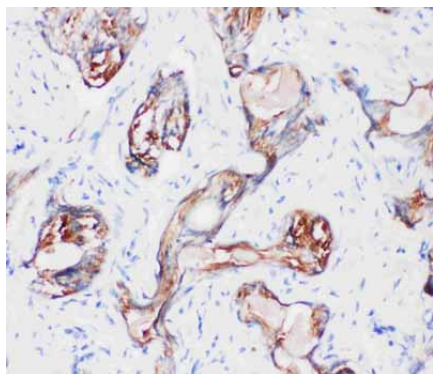
Protein Information

Name	KLK2
Function	Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin.

Background

KLK2(KALLIKREIN 2), also called GLANDULAR or PROSTATIC, is a protein that in humans is encoded by the KLK2 gene, and is particularly associated with prostatic tissue. The KLK2 is a member of glandular kallikrein gene family that comprises 25 to 30 highly homologous genes that encode specific proteases involved in the processing of biologically active peptides. The KLK2 gene is mapped to 19q13.33. And the KLK2 gene contains 5 exons. An alternative KLK2 transcript, which they call KLK2-linked molecule(KLM), that arises from the use of an alternate donor site within intron 1. KLM shares only the N-terminal 15-amino acid signal peptide with the original KLK2 protein; the mature proteins display no similarity.

Images



Anti-Kallikrein 2 antibody, ABO10940, IHC(P)IHC(P):
Human Prostatic Cancer Tissue

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