

Anti-Kallikrein 2 Antibody
Catalog # ABO10940**Specification**

Anti-Kallikrein 2 Antibody - 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.

Anti-Kallikrein 2 Antibody - 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 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat
Western blot, 0.1-0.5 µg/ml, Human

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 r°Constitution, 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.

Anti-Kallikrein 2 Antibody - Protein Information

Name KLK2

Function

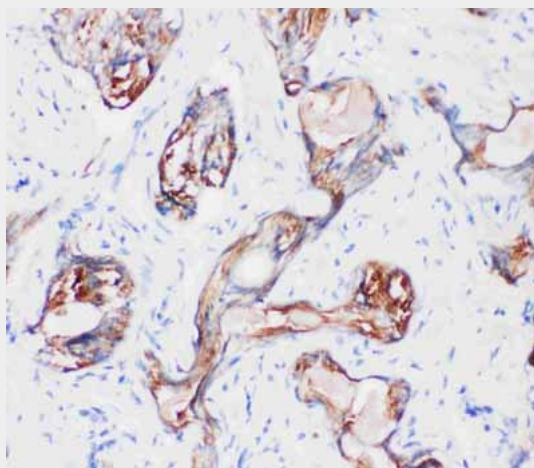
Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin.

Anti-Kallikrein 2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Kallikrein 2 Antibody - Images



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

Anti-Kallikrein 2 Antibody - 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.