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Anti-Kallikrein 2 Antibody
Catalog # ABO10940

Specification

Anti-Kallikrein 2 Antibody - Product Information

Application	**IHC**
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

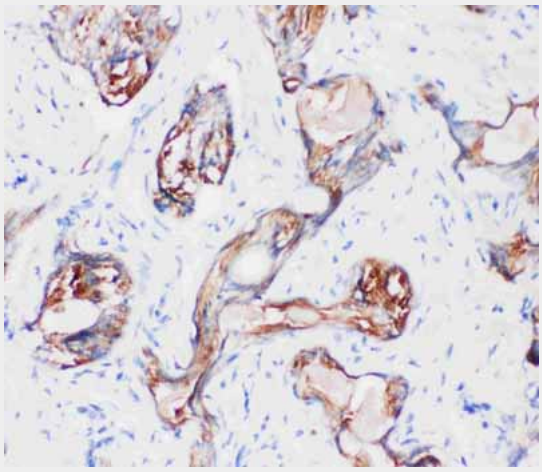
Function
Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin.

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 Cytomety
- 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.