10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-Kallikrein 9 Antibody

Catalog # ABO11128

Specification

Anti-Kallikrein 9 Antibody - Product Information

Application	**WB**
Primary Accession	Q9UKQ9
Host	**Rabbit**
Reactivity	**Human**
Clonality	**Polyclonal**
Format	**Lyophilized**

Description
Rabbit IgG polyclonal antibody for Kallikrein-9(KLK9) detection. Tested with WB in Human.

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

Anti-Kallikrein 9 Antibody - Additional Information

Gene ID 284366

Other Names
Kallikrein-9, 3.4.21.-, Kallikrein-like protein 3, KLK-L3, KLK9

Calculated MW
27513 MW KDa

Application Details
Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization
Secreted .

Tissue Specificity
Skin, thymus, trachea, cerebellum and spinal cord.

Protein Name
Kallikrein-9

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 9(236-250aa SVCHYLDWIQEIMEN).

Purification
Immunogen affinity purified.

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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 9 Antibody - Protein Information

Name KLK9

Cellular Location
Secreted.

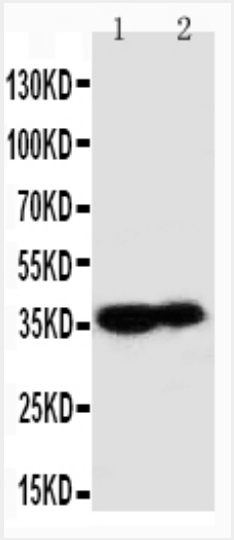
Tissue Location
Skin, thymus, trachea, cerebellum and spinal cord.

Anti-Kallikrein 9 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 9 Antibody - Images



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Anti-Kallikrein 9 antibody, ABO11128, Western blottingLane 1: MCF-7 Cell LysateLane 2: A431 Cell Lysate

Anti-Kallikrein 9 Antibody - Background

KLK9(kallikrein-related peptidase 9) also known as kallikrein 9 or KLK-L3, belongs to the kallikrein subgroup of serine proteases, which have diverse physiologic functions in many tissues. TheÂ KLK9Â gene contains 5 coding exons and is mapped to 19q13.41. TheÂ KLK9Â gene is regulated by steroid hormones in a human breast cancer cell line. Yousef et al.(2001)Â performed a quantitative analysis ofÂ KLK9Â expression in ovarian cancer. The results indicated thatKLK9Â is under steroid hormone regulation in ovarian and breast cancer cell lines. KLK9Â is a potential independent favorable prognostic marker for early-stage, low-grade, optimally debulked ovarian cancer patients.