

Anti-Kallikrein 9 Antibody
Catalog # ABO11128**Specification**

Anti-Kallikrein 9 Antibody - Product Information

Application	WB
Primary Accession	O9UKQ9
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.

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.

Anti-Kallikrein 9 Antibody - Protein Information

Name KLK9

Cellular Location

Secreted.

Tissue Location

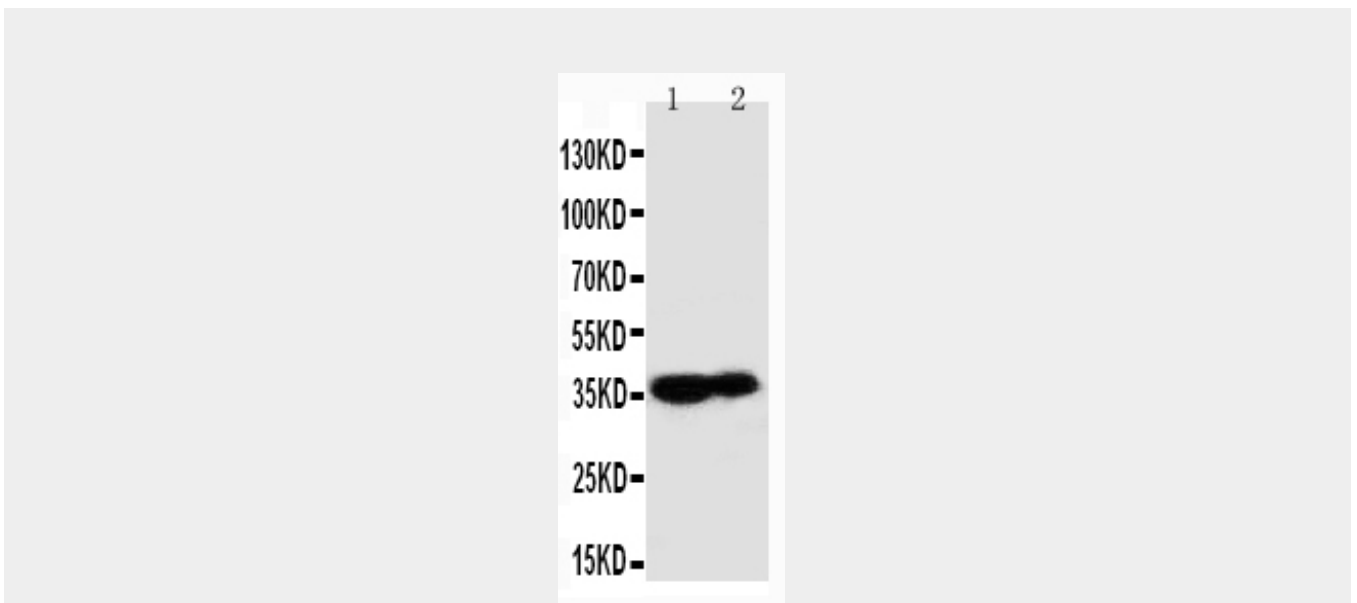
Skin, thymus, trachea, cerebellum and spinal cord.

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 Cytometry](#)
- [Cell Culture](#)

Anti-Kallikrein 9 Antibody - Images



Anti-Kallikrein 9 antibody, ABO11128, Western blotting Lane 1: MCF-7 Cell Lysate Lane 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. The KLK9 gene contains 5 coding exons and is mapped to 19q13.41. The KLK9 gene is regulated by steroid hormones in a human breast cancer cell line. Yousef et al. (2001) performed a quantitative analysis of KLK9 expression in ovarian cancer. The results indicated that KLK9 is under steroid hormone regulation in ovarian and breast cancer cell lines. KLK9 is a potential independent favorable prognostic marker for early-stage, low-grade, optimally debulked ovarian cancer patients.