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Anti-Kallikrein 9 Antibody

Catalog # ABO11128

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.

Additional Information

Gene ID	284366
Other Names	Kallikrein-9, 3.4.21.-, Kallikrein-like protein 3, KLK-L3, KLK9
Calculated MW	27513
Application Details	Western blot, 0.1-0.5 □g/ml, Human
Subcellular Localization	Secreted .
Tissue Specificity	Skin, thymus, trachea, cerebellum and spinal cord.
Source	Eukaryota
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 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.

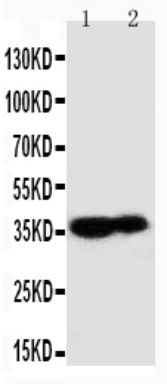
Protein Information

Name	KLK9
Cellular Location	Secreted.
Tissue Location	Skin, thymus, trachea, cerebellum and spinal cord.

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 thatKLK9 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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.