

Anti-Kallikrein 9/KLK9 Antibody Picoband®

Catalog Number: PA1820

About KLK9

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.

Overview

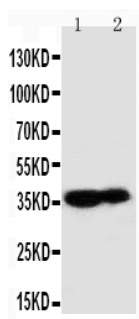
Product Name	Anti-Kallikrein 9/KLK9 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Kallikrein 9/KLK9 Antibody catalog # PA1820. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9UKQ9

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Kallikrein 9.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins

Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human

Anti-Kallikrein 9/KLK9 Antibody Picoband® (PA1820) Images



Anti-Kallikrein 9 antibody, PA1820, Western blotting
Lane 1: MCF-7 Cell Lysate
Lane 2: A431 Cell Lysate

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