

Anti-Kallikrein 11/KLK11 Antibody Picoband®

Catalog Number: PA1631

About KLK11

KLK11 (KALLIKREIN 11), also called PRSS20 or TLSP, is a protein that in humans is encoded by the KLK11 gene. KLK11 is a member of the kallikrein subfamily of serine proteases, which are involved in a variety of enzymatic processes. The KLK11 gene is mapped to 19q13.41. The KLK11 gene contains 6 exons, the first of which is noncoding. KLK11 shares 48% amino acid sequence identity with mouse neuropsin, 43% identity with both human trypsin-1 and human kallikrein, and 38% identity with the mouse nerve growth factor gamma subunit. Alternate splicing of the KLK11 gene results in two transcript variants encoding two different isoforms which are differentially expressed. Western blot analysis of recombinant KLK11 suggested that the protein is secreted and posttranslationally processed.

Overview

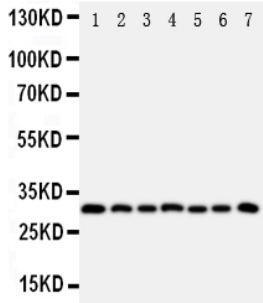
Product Name	Anti-Kallikrein 11/KLK11 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Kallikrein 11/KLK11 Antibody catalog # PA1631. Tested in IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior 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	IHC, 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	Q9UBX7

Technical Details

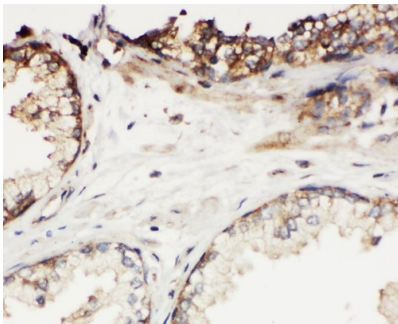
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Kallikrein 11.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).

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	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human

Anti-Kallikrein 11/KLK11 Antibody Picoband® (PA1631) Images



Anti-Kallikrein 11 antibody, PA1631, Western blotting All lanes: Anti Kallikrein 11 (PA1631) at 0.5ug/ml Lane 1: U87 Whole Cell Lysate at 40ug Lane 2: A549 Whole Cell Lysate at 40ug Lane 3: HELA Whole Cell Lysate at 40ug Lane 4: MM231 Whole Cell Lysate at 40ug Lane 5: MM453 Whole Cell Lysate at 40ug Lane 6: COLO320 Whole Cell Lysate at 40ug Lane 7: JURKAT Whole Cell Lysate at 40ug Predicted bind size: 31KD Observed bind size: 31KD



Anti-Kallikrein 11 antibody, PA1631, IHC(P)IHC(P): Human Prostatic Cancer Tissue

1 Publications Citing This Product

1. PubMed ID: 26959817, Comparative Transcriptome Analysis of Fetal Skin Reveals Key Genes Related to Hair Follicle Morphogenesis in Cashmere Goats

Visit bosterbio.com/anti-kallikrein-11-antibody-pa1631-boster.html to see all 1 publications.

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