BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Hyaluronidase-3 HYAL3 Antibody Picoband®

Catalog Number: PA1856

About HYAL3

HYAL3 (hyaluronoglucosaminidase 3) is an enzyme that in humans is encoded by the HYAL3 gene, also known as LUCA3, Hyaluronidase-3, Lung carcinoma protein 3, LUCA-3, LUCA14, Minna14. By Northern blot analysis, expression of a 2.1-kb HYAL3 transcript that was strongest in testis and bone marrow, but relatively weak in other organs. HYAL3 encodes a predicted 417-amino acid protein. This gene encodes a protein which is similar in structure to hyaluronidases. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is though to be involved in cell proliferation, migration and differentiation. However, this protein has not yet been shown to have hyaluronidase activity. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression.

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Overview

Product Name	Anti-Hyaluronidase-3 HYAL3 Antibody Picoband®
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Hyaluronidase-3 HYAL3 Antibody catalog # PA1856. Tested in IHC, WB applications. This antibody reacts with Human, Mouse. 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 Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *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	O43820

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antibody and ELISA experts

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Technical Details

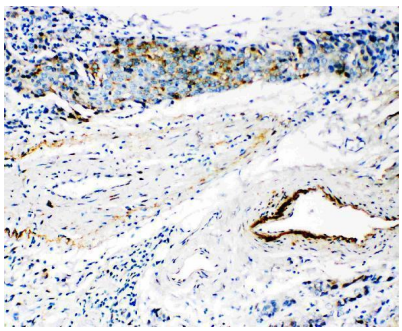
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human HYAL3, different from the related rat sequence by three amino acids, and different from the related mouse sequence by one amino acid.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with 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, Mouse Western blot, 0.1-0.5ug/ml, Human, Mouse

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Anti-Hyaluronidase-3 HYAL3 Antibody Picoband® (PA1856) Images



Anti-HYAL3 antibody, PA1856, Western blottingLane 1: 22RV Cell LysateLane 2: HELA Cell LysateLane 3: V20S Cell Lysate



Anti-HYAL3 antibody, PA1856, IHC(P)IHC(P): Human Mammary Cancer Tissue

Anti-Hyaluronidase-3 HYAL3 Antibody

For Research Use Only. Not for use in diagnostic procedures.