

## Anti-Hyaluronidase-2 HYAL2 Antibody Picoband®

Catalog Number: PA1817

### About HYAL2

HYAL2 (hyaluronoglucosaminidase 2) also known as hyaluronidase 2, LuCa-2, is an enzyme that in humans is encoded by the HYAL2 gene. HYAL2 cDNAs encode a preprotein with an N-terminal signal peptide. Northern blot analysis indicated that HYAL2 was expressed in all human tissues tested except adult brain, and Western blot analysis detected Hyal2 protein in all mouse tissues examined except adult brain. The HYAL2 gene is mapped on 3p21.31. HYAL2 is a glycosylphosphatidylinositol (GPI)-anchored protein on the cell surface and serves as a receptor for entry into the cell of the jaagsiekte sheep retrovirus (JSRV). The findings of Rai et al. (2001) that HYAL2 is a GPI-anchored protein on the cell surface showed that GFP would likely be cleaved from HYAL2 during GPI addition, leaving HYAL2 on the cell surface and resulting in GFP transit to the lysosome for degradation.

### Overview

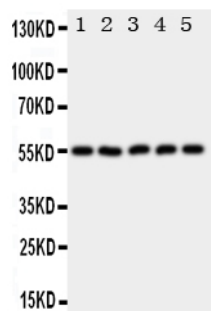
Product Name	Anti-Hyaluronidase-2 HYAL2 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Hyaluronidase-2 HYAL2 Antibody catalog # PA1817. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that 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 <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . *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	Q12891

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human HYAL2, different from the related mouse and rat sequences by three amino acids.
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, Rat, Mouse

## Anti-Hyaluronidase-2 HYAL2 Antibody Picoband® (PA1817) Images



Anti-HYAL2 antibody, PA1817, Western blotting All lanes: Anti HYAL2 (PA1817) at 0.5ug/ml Lane 1: HELA Whole Cell Lysate at 40ug Lane 2: SMMC Whole Cell Lysate at 40ug Lane 3: COLO320 Whole Cell Lysate at 40ug Lane 4: MCF-7 Whole Cell Lysate at 40ug Lane 5: HT1080 Whole Cell Lysate at 40ug Predicted bind size: 54KD Observed bind size: 54KD

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