

Anti-Stromelysin-2 MMP10 Antibody Picoband®

Catalog Number: PA1380

About MMP10

Stromelysin-2 also known as matrix metalloproteinase-10 (MMP-10) or transin-2 is an enzyme that in humans is encoded by the MMP10 gene. Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades proteoglycans and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

Overview

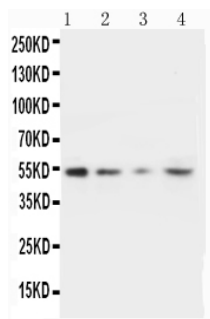
Product Name	Anti-Stromelysin-2 MMP10 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Stromelysin-2 MMP10 Antibody catalog # PA1380. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, 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	P09238

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MMP10.
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-Stromelysin-2 MMP10 Antibody Picoband® (PA1380) Images



Anti-MMP10 antibody, PA1380, Western blotting
Lane 1: Recombinant Human MMP-10 Protein 10ng
Lane 2: Recombinant Human MMP-10 Protein 5ng
Lane 3: Recombinant Human MMP-10 Protein 2.5ng
Lane 4: HELA Cell Lysate

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Anti-Stromelysin-2 MMP10 Antibody

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