

Anti-Fibroblast growth factor 10 FGF10 Antibody Picoband®

Catalog Number: PA1454

About FGF10

FGF 10, Fibroblast growth factor 10, is a protein that in humans is encoded by the FGF10 gene. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF 10 contains 3 exons and spans at least 52.7 kb. By radioactive in situ hybridization, the FGF 10 gene is mapped to 5p13-p12. This protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts. FGF 10 translocated into urothelial cell nuclei and initiated a signaling cascade that began with the heparin-dependent tyrosine phosphorylation of surface transmembrane receptors.

Overview

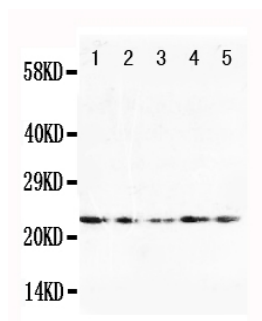
Product Name	Anti-Fibroblast growth factor 10 FGF10 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Fibroblast growth factor 10 FGF10 Antibody catalog # PA1454. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this 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 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	O15520

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human FGF10, different from the related mouse and rat sequence by two 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-Fibroblast growth factor 10 FGF10 Antibody Picoband® (PA1454) Images



Anti-FGF10 antibody, PA1454, Western blotting
Lane 1: U87 Cell Lysate
Lane 2: HELA Cell Lysate
Lane 3: A519 Cell Lysate
Lane 4: 293T Cell Lysate
Lane 5: HELA Cell Lysate

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