

Anti-FRZB Antibody Picoband®

Catalog Number: PB9372

About FRZB

FRZB is also known as FRE or OS1. The protein encoded by this gene is a secreted protein that is involved in the regulation of bone development. Defects in this gene are a cause of female-specific osteoarthritis (OA) susceptibility. FRZB is a Wnt-binding protein especially important in embryonic development. It is a competitor for the cell-surface G-protein receptor Frizzled. FRZB is localized in the extracellular plasma membrane. Unlike frizzled, frzb lacks the 7 transmembrane domains normally found in G-protein-coupled receptors. It is still considered a homolog of frizzled because it contains a Cysteine Rich Domain (CRD), and because of its intracellular C-terminus which is crucial for signaling.

Overview

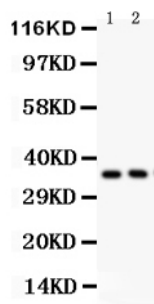
Product Name	Anti-FRZB Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-FRZB Antibody Picoband® catalog # PB9372. Tested in ELISA, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , and 0.05 mg 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	Q92765

Technical Details

Immunogen	E.coli-derived human FRZB recombinant protein (Position: E176-N325). Human FRZB shares 90% amino acid (aa) sequence identity with mouse FRZB.
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, - ELISA, 0.1-0.5ug/ml, -

Anti-FRZB Antibody Picoband® (PB9372) Images



Anti-FRZB Picoband antibody, PB9372, Western blotting
All lanes: Anti FRZB (PB9372) at 0.5ug/ml
Lane 1: PANC Whole Cell Lysate at 40ug
Lane 2: U87 Whole Cell Lysate at 40ug
Predicted bind size: 36KD
Observed bind size: 36KD

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Anti-FRZB Antibody

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