

Anti-CRELD2 Antibody Picoband®

Catalog Number: A08616-2

About CRELD2

Predicted to enable calcium ion binding activity and protein disulfide isomerase activity. Predicted to be an extracellular matrix structural constituent. Acts upstream of or within several processes, including bone mineralization; endochondral ossification; and non-canonical Wnt signaling pathway. Located in Golgi apparatus; endoplasmic reticulum; and extracellular region. Is expressed in several structures, including alimentary system; brain; genitourinary system; long bone; and respiratory system. Orthologous to human CRELD2 (CRELD disulfide isomerase 2).

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Overview

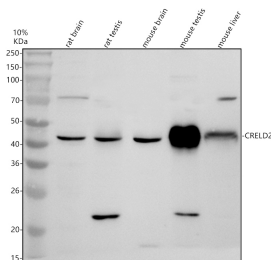
Product Name	Anti-CRELD2 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-CRELD2 Antibody Picoband® catalog # A08616-2. Tested in WB, ELISA applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, 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	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	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 freezing and thawing.
Host	Rabbit
Uniprot ID	Q9CYA0

Technical Details

Immunogen	E.coli-derived mouse CRELD2 recombinant protein (Position: C118-L350).
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, 0.25-0.5 ug/ml, Mouse, Rat ELISA, 0.1-0.5 ug/ml

Anti-CRELD2 Antibody Picoband® (A08616-2) Images



Western blot analysis of CRELD2 using anti-CRELD2 antibody (A08616-2). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat brain tissue lysates, Lane 2: rat testis tissue lysates, Lane 3: mouse brain tissue lysates, Lane 4: mouse testis tissue lysates, Lane 5: mouse liver tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CRELD2 antigen affinity purified polyclonal antibody (A08616-2) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for CRELD2 at approximately 45 kDa. The expected band size for CRELD2 is at 38 kDa.

Anti-CRELD2 Antibody

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