

Anti-NTAL/LAT2 Antibody Picoband®

Catalog Number: PA2039

About LAT2

LAT2 (Linker for Activation of T Cells Family, Member 2), also known as LAB or NTAL, is a protein that in humans is encoded by the LAT2 gene. By genomic sequence analysis, Doyle et al. (2000) mapped the WBSCR5 gene to chromosome 7q11.23. They noted that the flanking genes are highly conserved between mouse and human. By immunoprecipitation and immunoblot analysis, Brdicka et al. (2002) found that NTAL associated with GRB2, SOS1, and GAB1 after B-cell receptor activation. Janssen et al. (2003) determined that phosphorylation of LAB is likely mediated by SYK upon B-cell receptor stimulation. Binding analysis indicated associations with GRB2, and, indirectly, with PLCG1 and PLCG2.

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Overview

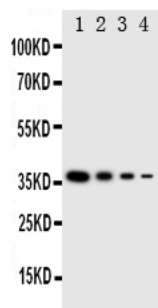
Product Name	Anti-NTAL/LAT2 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-NTAL/LAT2 Antibody catalog # PA2039. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and 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 4 mg Trehalose, 0.9 mg NaCl and 0.2mg Na ₂ HPO ₄ .
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	Q9GZY6

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human NTAL.
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-NTAL/LAT2 Antibody Picoband® (PA2039) Images



Anti-NTAL antibody, PA2039, Western blotting
Protein Detection Source: E.coli derived -recombinant
Human LAT2, 37.8KD (162aa tag+ M1-A182)
Lane 1: Recombinant Human LAT2 Protein 10ng
Lane 2: Recombinant Human LAT2 Protein 5ng
Lane 3: Recombinant Human LAT2 Protein 2.5ng
Lane 4: Recombinant Human LAT2 Protein 1.25ng

Anti-NTAL/LAT2 Antibody

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