

Anti-His Tag Antibody Picoband® (monoclonal, 19b10)

Catalog Number: M30975-1

About GNG4

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4 is a protein that in humans is encoded by the GNG4 gene. This gene encodes the gamma subunit of the heterotrimeric G-proteins that are comprised of alpha, beta and gamma subunits. Upon activation by G protein-coupled receptors, the beta-gamma heterodimer dissociates from the alpha subunit to activate downstream signaling events. Alternate splicing results in multiple transcript variants.

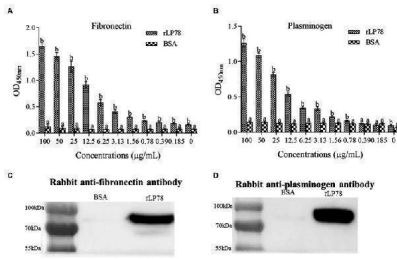
Overview

Product Name	Anti-His Tag Antibody Picoband® (monoclonal, 19b10)
Reactive Species	All species
Description	Boster Bio Anti-His Tag Antibody Picoband® (monoclonal, 19b10) catalog # M30975-1. Tested in WB application. This antibody reacts with all species. 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	Monoclonal 19b10
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
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	Mouse
Uniprot ID	P50150

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence of His Tag.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2b
Form	Lyophilized
Concentration	0

Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml



differences were compared between each group. The same letter indicates no obvious difference ($p > 0.05$); different letters indicate a significant difference ($p < 0.01$). Binding ability of rLP78 to hFn (C) or hPlg (D) was confirmed by western blotting. Bound hFn was determined by rabbit anti-hFn antibody or rabbit anti-plasminogen antibody. BSA was chosen as negative control. Index in PubMed under a CC BY license. PMID: 38264482

4 Publications Citing This Product

1. PubMed ID: 10.1007/s11033-008-9341-1, Molecular structure of the largemouth bass (*Micropterus salmoides*) Myf5 gene and its effect on skeletal muscle growth
2. PubMed ID: 30637608, Li L, Yu X, Zhang H, Cheng H, Hou L, Zheng Q, Hou J. In vitro antiviral activity of Griffithsin against porcine epidemic diarrhea virus. *Virus Genes*. 2019 Apr; 55(2):174-181. doi:10.1007/s11262-019-01633-7. Epub 2019 Jan 14. PMID:30637608; PMCID:PMC7089098.
3. PubMed ID: 34082810, Wang J, Li Y, Pan L, Li J, Yu Y, Liu B, Zubair M, Wei Y, Pillay B, Olaniran AO, Chiliza TE, Shao G, Feng Z, Xiong Q. Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) moonlights as an adhesin in *Mycoplasma hyorhinis* adhesion to epithelial cells as well as a plasminogen receptor mediating extracellular matrix degradation. *Vet Res*. 2021 Jun 3; 52(1):80. doi:10.1186/s13567-021-00952-8. PMID:34082810; PMCID:PMC8173509.

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