

Anti-RACK1 GNB2L1 Antibody Picoband® Biotin Conjugated

Catalog Number: PB9243-Biotin

About GNB2L1

Guanine nucleotide-binding protein subunit beta-2-like 1, also known as RACK1 is a 32kDa protein that in humans is encoded by the GNB2L1 gene. It is mapped to 5q35.3. GNB2L1 is a major component of translating ribosomes, which harbor significant amounts of PKC. This gene can provide a physical and functional link between PKC signaling and ribosome activation. GNB2L1 is also a mediator of agonist-induced Ca (2+) release. What's more, GNB2L1 is an essential component of an oxygen-independent mechanism for regulating HIF1A stability. Overexpression of GNB2L1 and PKC-alpha suppressed CLOCK-BMAL1 transcriptional activity, and GNB2L1 stimulated phosphorylation of BMAL1 by PKC-alpha in vitro.

Overview

Product Name	Anti-RACK1 GNB2L1 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P63244

Technical Details

Immunogen	E.coli-derived human RACK1 recombinant protein (Position: T2-R317). Human RACK1 shares 100% amino acid (aa) sequence identity with both mouse and rat RACK1.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

1 Publications Citing This Product

1. PubMed ID: 24504450, Jin S, Mu Y, Wang X, Liu Z, Wan L, Xiong Y, Zhang Y, Zhou L, Li L. Mol Biol Rep. 2014 May;41(5):3393-9. Doi: 10.1007/S11033-014-3201-Y. Epub 2014 Feb 7. Overexpressed Rack1 Is Positively Correlated With Malignant Degree Of Human Colorectal Carcinoma.

Visit bosterbio.com/anti-rack1-picoband-trade-antibody-pb9243-boster.html to see all 1 publications.

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