

Anti-Rab9/RAB9A Antibody Picoband®

Catalog Number: PA2281

About RAB9A

Ras-related protein Rab-9A, also called RAB9, is a protein that in humans is encoded by the RAB9A gene. This gene is mapped to Xp22.2. RAB9 has been localized to components of the endocytic/exocytic pathway and has been implicated in recycling of membrane receptors. It has been found that downregulation of RAB9A gene expression in HeLa cells induced severe cell vacuolation. RAB9A GTPase is directly bound by TIP47 in its active, GTP-bound conformation. Moreover, RAB9A increases the affinity of TIP47 for its cargo. What's more, this gene may be involved in the transport of proteins between the endosomes and the trans Golgi network. RAB9A has been shown to interact with RABEPK and TIP47.

Overview

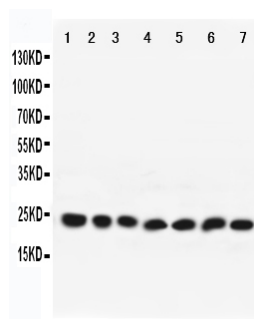
Product Name	Anti-Rab9/RAB9A Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Rab9/RAB9A Antibody catalog # PA2281. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior 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	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg 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	P51151

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Rab9, identical to the related rat sequence, and different from the related mouse sequence by one amino acid.
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, Mouse, Rat

Anti-Rab9/RAB9A Antibody Picoband® (PA2281) Images



Anti-Rab9 antibody, PA2281, All Western blotting
All lanes: Anti-RAB9A(PA2281) at 0.5ug/ml
Lane 1: Rat Brain Tissue Lysate at 40ug
Lane 2: Mouse Brain Tissue Lysate at 40ug
Lane 3: HELA Whole Cell Lysate at 40ug
Lane 4: PC12 Whole Cell Lysate at 40ug
Lane 5: NIH Whole Cell Lysate at 40ug
Lane 6: A431 Whole Cell Lysate at 40ug
Lane 7: 293T Whole Cell Lysate at 40ug
Predicted bind size: 23KD
Observed bind size: 23KD

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Anti-Rab9/RAB9A Antibody

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