

Anti-p70 S6K (phospho-T229) RPS6KB1 Antibody

Catalog Number: A01475T229

About RPS6KB1

Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.

ten Dijke P., Oncogene 8:2879-2887(1993).

Attisano L., Cell 75:671-680(1993).

Berg J.N., Am. J. Hum. Genet. 61:60-67(1997).

Overview

| | |
|----------------------|---|
| Product Name | Anti-p70 S6K (phospho-T229) RPS6KB1 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-p70 S6K (phospho-T229) RPS6KB1 Antibody catalog # A01475T229. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat. |
| Application | IHC, WB |
| Clonality | Polyclonal |
| Formulation | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2 |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P23443 |

Technical Details

| | |
|----------------------------|---|
| Immunogen | A synthesized peptide derived from human p70 S6 Kinase. |
| Predicted Reactive Species | Boar, Bovine, Canine, Golden Hamster |
| Cross Reactivity | No cross reactivity with other proteins. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/ml |

| | |
|---------------------|--|
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE). |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p> <p>IHC: 1:50-1:200</p> |

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-p70 S6K (phospho-T229) RPS6KB1 Antibody