

# Product Datasheet

## p70 S6 Kinase/S6K Antibody - BSA Free NBP2-23649

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP2-23649**

p70 S6 Kinase/S6K Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Whole sera with 50% Glycerol

**Product Description**

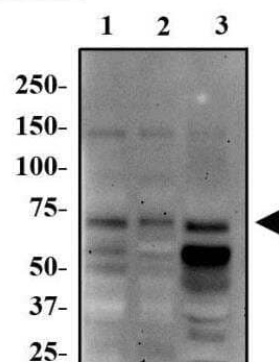
<b>Description</b>	Novus Biologicals Goat p70 S6 Kinase/S6K Antibody - BSA Free (NBP2-23649) is a polyclonal antibody validated for use in WB and ELISA. Anti-p70 S6 Kinase/S6K Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	6198
<b>Gene Symbol</b>	RPS6KB1
<b>Species</b>	Human, Mouse, Rat, Bovine, Rabbit
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: canine (87%), equine (81%).
<b>Immunogen</b>	Synthetic peptide made to a C-terminal sequence of the human p70 S6 Kinase protein (between amino acids 350-472). [UniProt P23443-2].

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA, ICC/IF (Negative)
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Peptide ELISA 1:100 - 1:1000, ICC/IF (Negative)

**Images**

Western Blot: p70 S6 Kinase/S6K Antibody [NBP2-23649] - Western blot image of anti-p70 S6 Kinase. Whole cell protein from HeLa (lane 1), HEK293 (lane 2) and MCF7 (lane 3) was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/mL anti-p70 S6 Kinase in 1% milk, and detected with an anti-goat HRP secondary antibody using chemiluminescence.



## Publications

Acharya S, Dilnawaz F, Sahoo SK. Targeted epidermal growth factor receptor nanoparticle bioconjugates for breast cancer therapy. *Biomaterials*. 2009-10-01 [PMID: 19631377] (WB)

### Details:

EGFR (IMG-80179) FA: The EGFR antibody was conjugated to 6-coumarin loaded nanoparticles. The EGFR antibody was labeled with a FITC secondary antibody (Cat#(2010)2). Intracellular uptake of the antibody labeled nanoparticles in MCF 7 breast cancer cells was visualized using immunofluorescence, Fig 7. (Note) Diagram of molecular mechanism of drug uptake using the EGFR antibody, Fig 10. 2. Anti-Mouse IgG (H+L) FITC Conjugate (20102): The antibody was used to label the EGFR antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-23649**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-23649PEP	p70 S6 Kinase/S6K Antibody Blocking Peptide

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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