

# Product Datasheet

## p70 S6 Kinase/S6K Antibody

### NBP2-23649

Unit Size: 100 ul

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

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#### Publications: 1

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**NBP2-23649****p70 S6 Kinase/S6K Antibody**

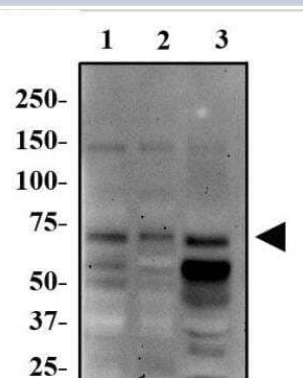
Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Whole sera with 50% Glycerol

Product Description	
Host	Goat
Gene ID	6198
Gene Symbol	RPS6KB1
Species	Human, Mouse, Rat, Bovine, Rabbit
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: canine (87%), equine (81%).
Immunogen	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	
Applications	Western Blot, Peptide ELISA, ICC/IF (Negative)
Recommended Dilutions	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.





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### Products Related to NBP2-23649

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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

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### 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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