

Product Datasheet

p70 S6 Kinase/S6K Antibody

NB100-293

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-293**p70 S6 Kinase/S6K Antibody**

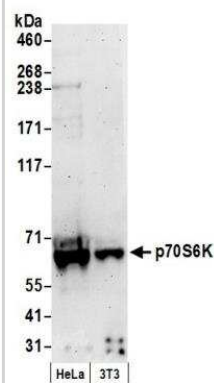
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Host	Rabbit
Gene ID	6198
Gene Symbol	RPS6KB1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 475 and the C-terminus (residue 525) of human Ribosomal Protein S6 Kinase, 70 kDa, polypeptide 1 using the numbering given in entry NP_003152.1 (GeneID 6198).

Product Application Details	
Applications	Western Blot, Simple Western
Recommended Dilutions	Western Blot 1:2500-1:20000, Simple Western
Application Notes	Useful for Western blot where a 70kDa band is seen. *The investigator should determine the optimal working dilution for a specific application. Simple Western reported by an internal validation. Separated by Charge, antibody dilution of 1:50.

Images

Western Blot: p70 S6 Kinase/S6K Antibody [NB100-293] - Detection of Human and Mouse p70S6K by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-p70S6K antibody NB100-293 used for WB at 0.05 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Kumari R, Willing LB, Jefferson LS et al. REDD1 (regulated in development and DNA damage response 1) expression in skeletal muscle as a surrogate biomarker of the efficiency of glucocorticoid receptor blockade. *Biochem Biophys Res Commun* 2011-09-01 [PMID: 21856283]

Favier FB, Costes F, Defour A et al. Downregulation of Akt/mammalian target of rapamycin pathway in skeletal muscle is associated with increased REDD1 expression in response to chronic hypoxia. *Am J Physiol Regul Integr Comp Physiol* 2010-06-01 [PMID: 20237300]

Corl BA, Odle J, Niu X et al. Arginine activates intestinal p70(S6k) and protein synthesis in piglet rotavirus enteritis. *J Nutr* 2008-01-01 [PMID: 18156399]

Choong LY, Lim S, Loh MC et al. Progressive loss of epidermal growth factor receptor in a subpopulation of breast cancers: implications in target-directed therapeutics. *Mol Cancer Ther* 2007-11-01 [PMID: 17989321]

Rhoads JM, Corl BA, Harrell R et al. Intestinal ribosomal p70(S6K) signaling is increased in piglet rotavirus enteritis. *Am J Physiol Gastrointest Liver Physiol* 2007-03-01 [PMID: 17138969]

Rhoads JM, Niu X, Odle J et al. Role of mTOR signaling in intestinal cell migration. *Am J Physiol Gastrointest Liver Physiol* 2006-09-01 [PMID: 16710051]





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
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-293

NBL1-15574	p70 S6 Kinase/S6K Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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