

Product Datasheet

SGK1 Antibody (4D7-G3) - Azide and BSA Free H00006446-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00006446-M01

SGK1 Antibody (4D7-G3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D7-G3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

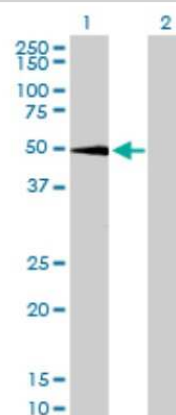
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6446
Gene Symbol	SGK1
Species	Human
Specificity/Sensitivity	SGK - serum/glucocorticoid regulated kinase
Immunogen	SGK (AAH01263.1, 1 a.a. ~ 431 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MTVKTEAAKGTLTYSRMRGMVAILIAFMKQRRMGLNDFIQKIANNYSYACKHPEV QSILKISQPQPELMNANPSPPPSPSQQINLGPSSNPHAKPSDFHFLKVIKGS FGKVLLARHKAEVAVKVLQKKAILKKKEEKHIMSERNVLLKNVKHPFLVGLH FSFQTADKLYFVLDYINGGELFYHLQRERCFLEPRARFYAAEIASALGYLHSLNI VYRDLKPENILLDSQGHIVLTDFGLCKENIEHNSTTSTFCGTPEYLAPEVLHKQP YDRTVDWWCLGAVLYEMLYGLPPFYSRNTAEMYDNILNKPLQLKPNITNSARH LLEGLLQKDRTKRLGAKDDFMEIKSHVFFSLINWDDLINKKITPPFNPVSGPND LRHFDPEFTEEPVPNSIGKSPDSVLVTASVKEAAEAFLGFSYAPPTDSFL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate, transfected lysate and recombinant protein for WB. It has been used for IF, IHC-P, RNAi Validation and ELISA.

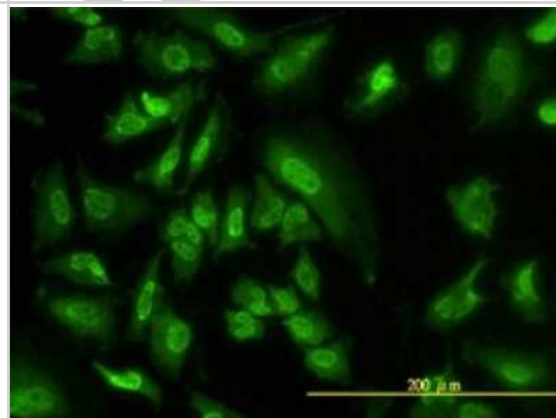


Images

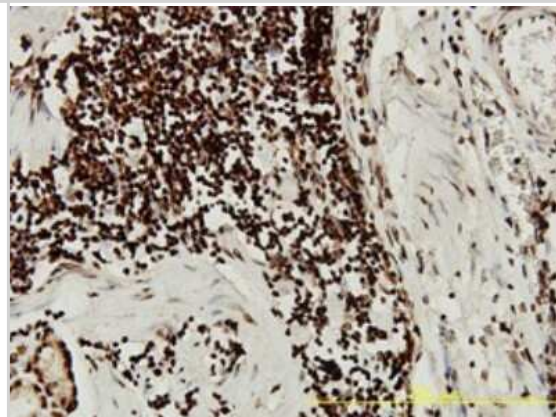
Western Blot: SGK Antibody (4D7-G3) [H00006446-M01] - Analysis of SGK expression in transfected 293T cell line by SGK monoclonal antibody (M01), clone 4D7-G3. Lane 1: SGK transfected lysate(48.9 KDa). Lane 2: Non-transfected lysate.



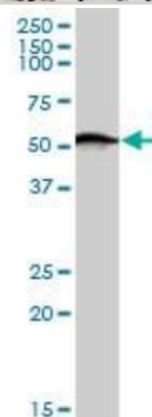
Immunocytochemistry/Immunofluorescence: SGK Antibody (4D7-G3) [H00006446-M01] - Analysis of monoclonal antibody to SGK on HeLa cell. Antibody concentration 10 ug/ml.



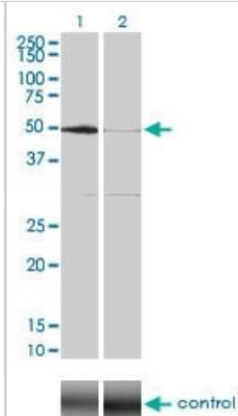
Immunohistochemistry-Paraffin: SGK Antibody (4D7-G3) [H00006446-M01] - Analysis of monoclonal antibody to SGK on formalin-fixed paraffin-embedded human stomach tissue. Antibody concentration 5 ug/ml.



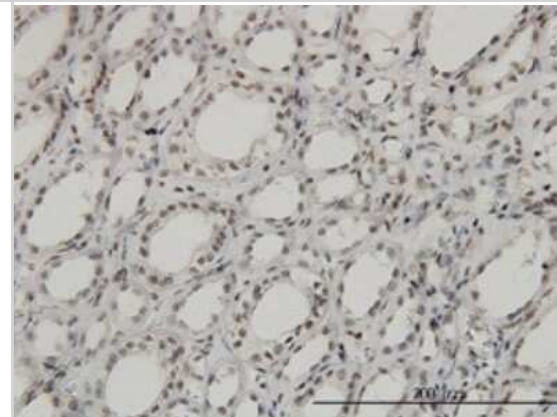
Western Blot: SGK Antibody (4D7-G3) [H00006446-M01] - Western Blot analysis of SGK expression in A-549 (Cat # L025V1).



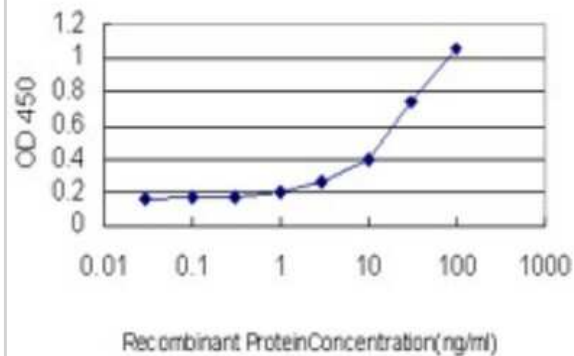
Western Blot: SGK Antibody (4D7-G3) [H00006446-M01] - Analysis of SGK over-expressed 293 cell line, cotransfected with SGK Validated Chimera RNAi (Cat # H00006446-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SGK monoclonal antibody (M01) clone 4D7-G3 (Cat # H00006446-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Immunohistochemistry-Paraffin: SGK Antibody (4D7-G3) [H00006446-M01] - Analysis of monoclonal antibody to SGK on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



ELISA: SGK1 Antibody (4D7-G3) [H00006446-M01] - SGK Antibody (4D7-G3) [H00006446-M01] - Detection limit for recombinant GST tagged SGK is approximately 1ng/ml as a capture 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
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00006446-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-56236PEP	SGK1 Recombinant Protein Antigen

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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