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antibody and ELISA experts

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Anti-SGK1/Sgk Rabbit Monoclonal Antibody

Catalog Number: M00673

Overview

Product Name	Anti-SGK1/Sgk Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SGK1/Sgk Rabbit Monoclonal Antibody catalog # M00673. Tested in WB, IHC, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IHC, WB
Clonality	Monoclonal EHF-19
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	O00141

Technical Details

Immunogen	A synthesized peptide derived from human SGK1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 IP 1:20 FC 1:20

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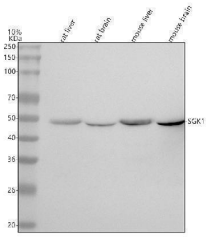
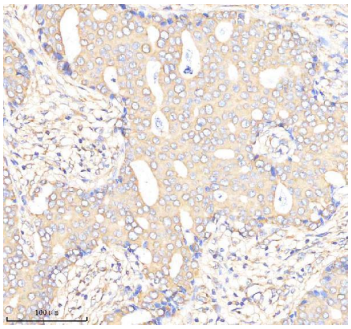
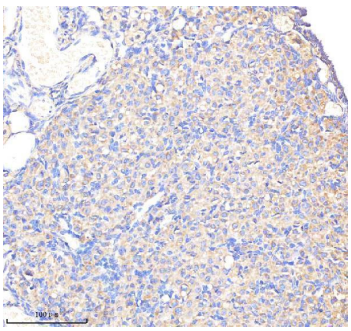
Anti-SGK1/Sgk Rabbit Monoclonal Antibody (M00673) Images



Western blot analysis of SGK1 using anti-SGK1 antibody (M00673). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat liver tissue lysates, Lane 2: rat brain tissue lysates, Lane 3: mouse liver tissue lysates, Lane 4: mouse brain tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SGK1 antigen affinity purified monoclonal antibody (Catalog # M00673) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for SGK1 at approximately 49 kDa. The expected band size for SGK1 is at 49 kDa.



IHC analysis of SGK1 using anti-SGK1 antibody (M00673). SGK1 was detected in a paraffin-embedded section of human breast cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-SGK1 Antibody (M00673) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of SGK1 using anti-SGK1 antibody (M00673). SGK1 was detected in a paraffin-embedded section of mouse ovary tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-SGK1 Antibody (M00673) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

IHC analysis of SGK1 using anti-SGK1 antibody (M00673). SGK1 was detected in a paraffin-embedded section of rat ovary tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-SGK1

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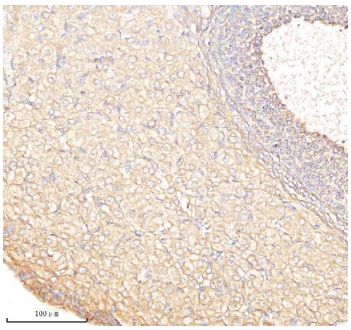
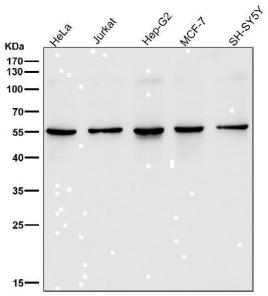
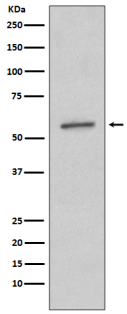


Antibody (M00673) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of SGK1 expression in A431 cell lysate.

1 Publications Citing This Product

1. PubMed ID: 29212953, Scortegagna M1, Berthon A2, Settas N2, Giannakou A2, Garcia G1, Li JL1, James B1, Liddington RC1, Vilches-Moure JG3, Stratakis CA2, Ronai ZA1,4. JCI Insight. 2017 Dec 7;2(23). pii: 97128. doi: 10.1172/jci.insight.97128. [Epub ahead of print] The E...

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Anti-SGK1/Sgk Rabbit Monoclonal Antibody

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