

Anti-SGK3 Antibody

Catalog Number: A02534-1

About SGK3

Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites. May mediate calcium-dependent regulation on many physiological processes by interacting with other proteins, such as TPR-containing proteins, and modulating their activity.

Patrick Most, J. Biol. Chem., Nov 2003; 278: 48404 - 48412.

Miki Okada, J. Biol. Chem., Feb 2004; 279: 4221 - 4233.

Melanie Boerries, Mol. Cell. Biol., Jun 2007; 27: 4365 - 4373.

Patrick Most, J. Clin. Invest., Dec 2004; 114: 1550 - 1563.

Overview

Product Name	Anti-SGK3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SGK3 Antibody catalog # A02534-1. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
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	Q96BR1

Technical Details

Immunogen	Recombinant protein of human SGK3.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	SGK3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used: WB 1:500-2000 ELISA 1:5000-20000</p>

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