

Anti-Phospho-SphK2 (T614) Antibody

Catalog Number: A01382T614

About SPHK2

Mediates the Na⁺-independent uptake of organic anions such as pravastatin, taurocholate, methotrexate, dehydroepiandrosterone sulfate, 17-beta-glucuronosyl estradiol, estrone sulfate, prostaglandin E2, thromboxane B2, leukotriene C3, leukotriene E4, thyroxine and triiodothyronine. Involved in the clearance of bile acids and organic anions from the liver.

Kirchgessner T.G., J. Biol. Chem. 274:37161-37168(1999).

Keppler D., J. Biol. Chem. 275:23161-23168(2000).

Venter J.C., Submitted (JUL-2005).

Overview

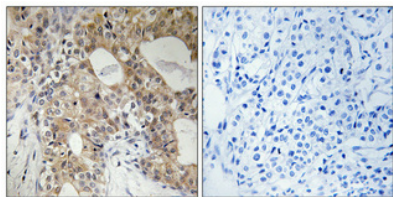
Product Name	Anti-Phospho-SphK2 (T614) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-SphK2 (T614) Antibody catalog # A01382T614. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	Q9NRA0

Technical Details

Immunogen	Synthesized peptide derived from human SphK2 around the phosphorylation site of T614.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB 1:500-2000 IHC 1:100-1:300 ELISA 1:5000

Anti-Phospho-SphK2 (T614) Antibody (A01382T614) Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using SPHK2 (Phospho-Thr614) Antibody. The picture on the right is blocked with the phospho peptide.

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