

Anti-Sphingosine kinase 2 SphK2 Antibody

Catalog Number: A01382-2

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-Sphingosine kinase 2 SphK2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Sphingosine kinase 2 SphK2 Antibody catalog # A01382-2. 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 non-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 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000

Anti-Sphingosine kinase 2 SphK2 Antibody (A01382-2) Images

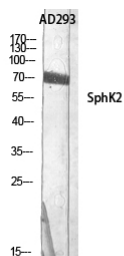


Figure 1. Western blotting validation for Anti-Sphingosine kinase 2 SphK2 Antibody A01382-2

Western Blot (WB) analysis of AD293 using SphK2 polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

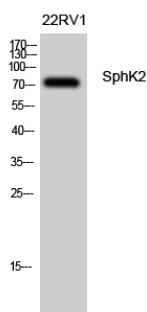


Figure 2. Western blotting validation for Anti-Sphingosine kinase 2 SphK2 Antibody A01382-2

Western Blot (WB) analysis of 22RV1 cells using SphK2 polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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