

SphK2 (phospho Thr614) Polyclonal Antibody

Catalog No: #13514

Package Size: #13514-1 50ul #13514-2 100ul

Description

Product Name	SphK2 (phospho Thr614) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),WB,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-SphK2 (T614) Polyclonal Antibody detects endogenous levels of SphK2 protein only when phosphorylated at T614.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human SPHK2 around the phosphorylation site of Thr614. AA range:580-629
Conjugates	Unconjugated
Other Names	SPHK2; Sphingosine kinase 2; SK 2; SPK 2
Accession No.	Swiss Prot:Q9NRA0GeneID:56848
Calculated MW	69kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

sphingosine kinase 2 (SPHK2) Homo sapiens This gene encodes one of two sphingosine kinase isozymes that catalyze the phosphorylation of sphingosine into sphingosine 1-phosphate. Sphingosine 1-phosphate mediates many cellular processes including migration, proliferation and apoptosis, and also plays a role in several types of cancer by promoting angiogenesis and tumorigenesis. The encoded protein may play a role in breast cancer proliferation and chemoresistance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.