

SPHK2 Rabbit pAb

Catalog Number: bs-2872R

Target Protein: SPHK2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ICC/IF (1:100-500)

Reactivity: Human (predicted:Mouse, Rat)

Predicted MW: 72 kDa

Subcellular Cell membrane ,Cytoplasm ,Nucleus

Locations:

Entrez Gene: 56848

Swiss Prot: Q9NRA0

Source: KLH conjugated synthetic peptide derived from human SPHK2 : 101-200/654 .

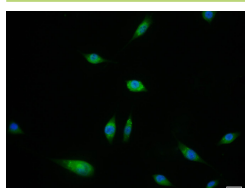
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a kinase that phosphorylates sphingosine into sphingosine-1-phosphate, which is involved in cell differentiation, motility, and apoptosis. The encoded protein plays a role in maintaining cellular levels of sphingosine-1-phosphate. The gene product also enhances apoptosis in different cell types and suppresses cellular proliferation. In mast cells, the encoded protein is necessary for influx of calcium, protein kinase C activation, and cytokine production and degranulation. Alternative splicing results in multiple transcript variants. [provided by RefSeq].

VALIDATION IMAGES



SH-SY5Y cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (SPHK2) polyclonal Antibody, Unconjugated (bs-2653R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.