

SPHK2

Reactivity:Human

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:69kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human SPHK2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SK 2; SK-2; SPK 2; SPK-2;

Catalog #:A6748

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:56848

Isotype:IgG

Swiss Prot:Q9NRA0

Purity:Affinity purification

For research use only.

Background:

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.

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