

## SPHK2

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**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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