

## 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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