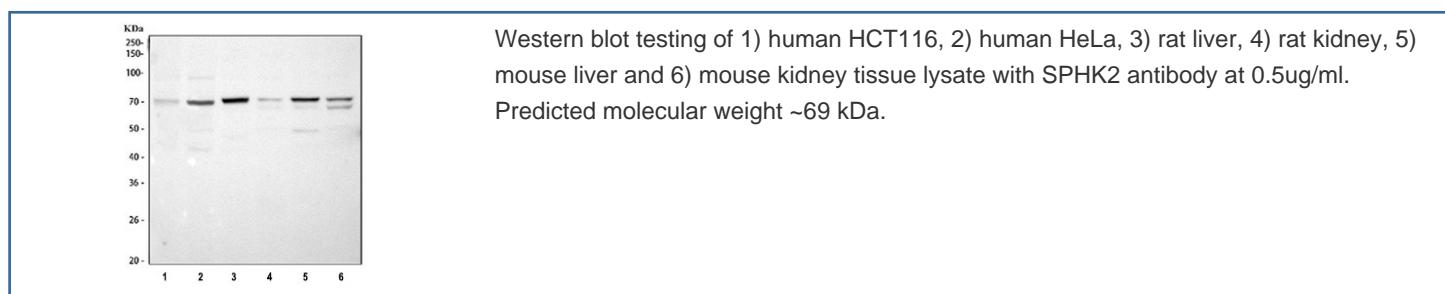
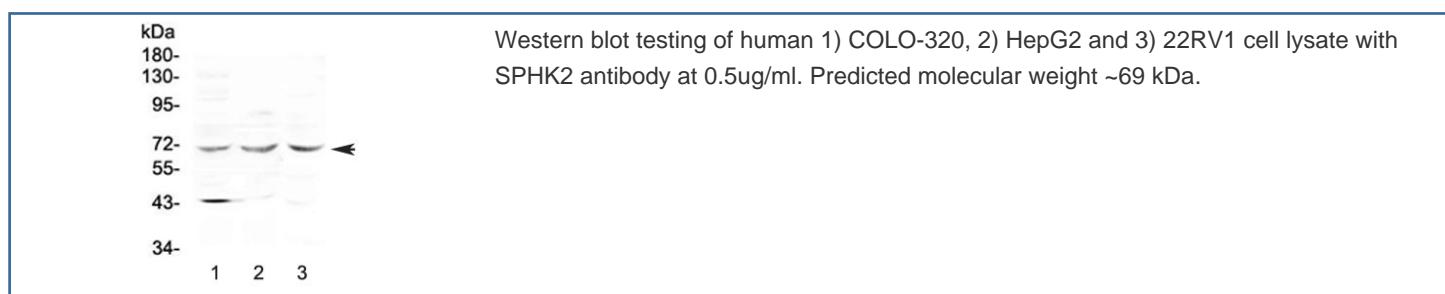


## SPHK2 Antibody / Sphingosine kinase 2 (RQ4299)

Catalog No.	Formulation	Size
RQ4299	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q9NRA0
<b>Localization</b>	Cytoplasm, membrane
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This SPHK2 antibody is available for research use only.



## Description

Sphingosine kinase 2 is a protein that in humans is encoded by the SPHK2 gene. 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.

## Application Notes

Optimal dilution of the SPHK2 antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids F215-M269 was used as the immunogen for the SPHK2 antibody.

## Storage

After reconstitution, the SPHK2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.