

SPHK1 Polyclonal Antibody

Catalog No.	A0660	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	60kDa
Cross-reactivity	Human, Mouse	Calculated MW	42kDa/43kDa/51kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 50-384 of human SPHK1 (NP_001136074.1).
Gene ID	8877
Swiss prot	Q9NYA1
Synonyms	SPHK1; SPHK; sphingosine kinase 1

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

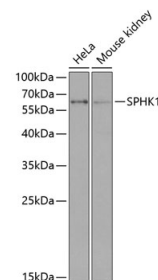
Background

The protein encoded by this gene catalyzes the phosphorylation of sphingosine to form sphingosine-1-phosphate (S1P), a lipid mediator with both intra- and extracellular functions. Intracellularly, S1P regulates proliferation and survival, and extracellularly, it is a ligand for cell surface G protein-coupled receptors. This protein, and its product S1P, play a key role in TNF- α signaling and the NF-kappa-B activation pathway important in inflammatory, antiapoptotic, and immune processes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

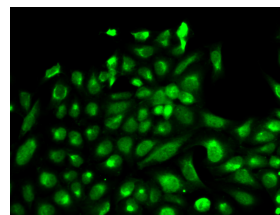
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 - 1:200



Western blot - SPHK1 Polyclonal Antibody (A0660)



Immunofluorescence - SPHK1 Polyclonal Antibody (A0660)