

Goat anti-SPHK1 Antibody

Item Number	dAP-1572
Target Molecule	Principle Name: SPHK1; Official Symbol: SPHK1; All Names and Symbols: SPHK1; sphingosine kinase 1; SPHK; SK1; SKase; Accession Number (s): NP_068807.2; NP_892010.2; NP_001136073.1; Human Gene ID(s): 8877; Non-Human GeneID(s): 20698 (mouse) 170897 (rat)
Immunogen	DVDLESEKYRRLGE, is from internal region This antibody is expected to recognise all three reported isoforms (NP_068807.2; NP_892010.2; NP_001136073.1). Reported variants represent identical protein (NP_001136073.1; NP_001136074.1).
Applications	Pep ELISA, WB, IP Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx. 40 kDa band observed in Human Peripheral Blood Mononucleocyte lysates (calculated MW of 43.9 kDa according to NP_068807.2). Recommended concentration: 2-3µg/ml.
IHC	
Reference	Reference(s): Kase H, Hattori Y, Jojima T, Okayasu T, Tomizawa A, Suzuki K, Banba N, Monden T, Satoh H, Akimoto K, Kasai K. Globular adiponectin induces adhesion molecule expression through the sphingosine kinase pathway in vascular endothelial cells. <i>Life Sci.</i> 2007 Aug 23;81(11):939-43. Epub 2007 Aug

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**