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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05266-T - Goat Anti-SPHK1 (C-term.) Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: SPHK1, sphingosine kinase 1, SPHK

Official Symbol: SPHK1

Accession Number(s): NP_068807.2; NP_892010.2; NP_001136073.1

Human GeneID(s): [8877](#)

Important Comments: This antibody is expected to recognize all reported isoforms (NP_068807.2; NP_892010.2; NP_001136073.1). The variants NP_001136073.1 and NP_001136074.1 represent identical protein.

Immunogen

Peptide with sequence C-SWKPPQQMPPPEEPL, from the C Terminus of the protein sequence according to NP_068807.2; NP_892010.2; NP_001136073.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 50kDa band observed in Human Lung and Placenta lysates (calculated MW of 51.1kDa according to NP_892010.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB05266 (1µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.