

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

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

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-SWKPQQMPPPEEPL, 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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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