



## UK Office

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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-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

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