

**Anti-SPHK1 antibody (Central region) (STJA0005594)**

STJA0005594

**GENERAL INFORMATION**

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Sphingosine Kinase 1 (Central region) is suitable for use in Western Blot research applications.
<b>Applications</b>	WB
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human

**PRODUCT PROPERTIES**

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Antigen Affinity Purified
<b>Dilution Range</b>	WB 1:1000
<b>Formulation</b>	PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

<b>Gene ID</b>	8877
<b>Gene Symbol</b>	SPHK1
<b>Uniprot ID</b>	SPHK1_HUMAN
<b>Immunogen</b>	SK1 synthetic peptide (coupled to carrier protein) corresponding to an unphosphorylated sequence of amino acids surrounding serine 225 in the central region of human SK1. This sequence has 4 amino acid differences from mouse and 5 from rat SK1, and is
<b>Immunogen Region</b>	Central region
<b>Specificity</b>	The antibody detects a 47 kDa* full-length recombinant human SK1 protein. In mouse, the antibody detects SK1 in isolated cardiac myocytes, but not in SK1-null mice (Tao, R. et al. (2007) Cardiovas. Res. 74:56.).
<b>Immunogen Sequence</b>	