


Product datasheet

Anti-SPHK2 (phospho T578) antibody ab215750

1 Image

Overview

<b>Product name</b>	Anti-SPHK2 (phospho T578) antibody
<b>Description</b>	Rabbit polyclonal to SPHK2 (phospho T578)
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide within Human SPHK2 (phospho T578) conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary. Database link: <a href="#">Q9NRA0</a>
<b>Positive control</b>	HeLa cell lysate treated with calyculin A or lambda phosphatase; Recombinant Human SPHK2 protein.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.05% Sodium azide Constituents: 50% Glycerol, 0.1% BSA, 49% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab215750** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Predicted molecular weight: 69 kDa.

## Target

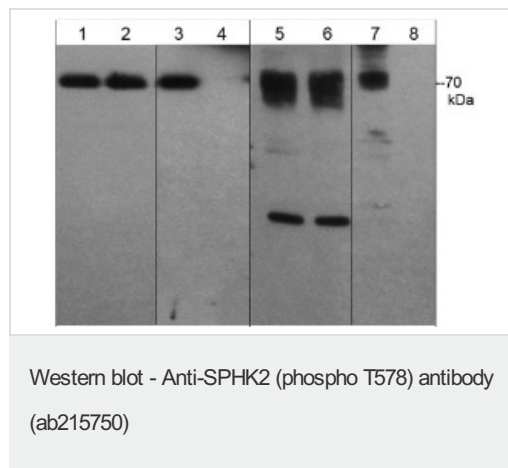
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<b>Function</b>	Catalyzes the phosphorylation of sphingosine to form sphingosine 1-phosphate (SPP), a lipid mediator with both intra-and extracellular functions. Also acts on D-erythro-dihydrosphingosine, D-erythro-sphingosine and L-threo-dihydrosphingosine. Binds phosphoinositides.
<b>Sequence similarities</b>	Contains 1 DAGKc domain.
<b>Cellular localization</b>	Cytoplasm. Membrane and Lysosome membrane.

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## Images

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**Lanes 1-2 & 5-6 :** anti-SPHK2 (N-terminal)

**Lanes 3-4 & 7-8 :** Anti-SPHK2 (phospho T578) antibody (ab215750) at 1/1000 dilution

**Lanes 1 & 3 :** recombinant Human SPHK2 protein

**Lane 2 :** recombinant Human SPHK2 protein treated with lambda phosphatase

**Lane 4 :** recombinant Human SPHK2 protein lambda phosphatase treated

**Lane 5 :** HeLa cell lysate calyculin A treated

**Lanes 6 & 8 :** HeLa cell lysate calyculin A and lambda phosphatase treated

**Lane 7 :** HeLa cell lysate calyculin A treated

**Predicted band size:** 69 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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