

## Product Datasheet

### SPHK1 Antibody (C-term R414) (orb37631)

<b>Catalog Number</b>	orb37631
<b>Category</b>	Antibodies
<b>Description</b>	Purified rabbit polyclonal antibody.
<b>Target</b>	SPHK1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Immunogen</b>	Synthetic Peptide
<b>UniProt ID</b>	<b>Q9NYA1</b>
<b>MW</b>	42518
<b>Tested applications</b>	FC, IHC-P, WB
<b>Dilution range</b>	WB - 1:1000, IHC-P - 1:50-100, FC - 1:10-50
<b>Antibody Type</b>	Primary Antibody

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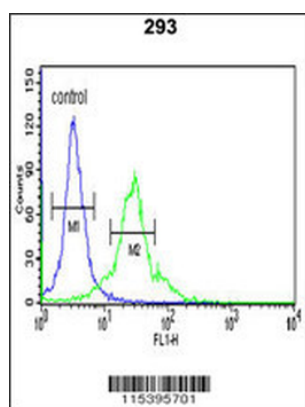
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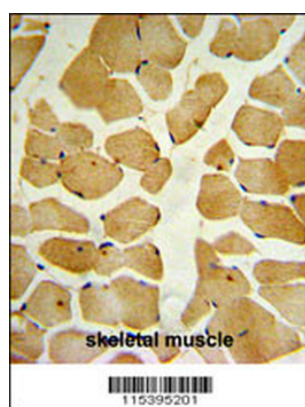
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<a href="#">NP_001136074.1</a> , <a href="#">NP_001136073.1</a> , <a href="#">NP_068807.2</a> , <a href="#">NP_892010.2</a>
<b>Expiration Date</b>	12 months from date of receipt.



SPHK1 Antibody (C-term R414) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



SPHK1 Antibody (C-term R414) IHC analysis in formalin fixed and paraffin embedded skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SPHK1 Antibody (C-term R414) for immunohistochemistry. Clinical relevance has not been evaluated.

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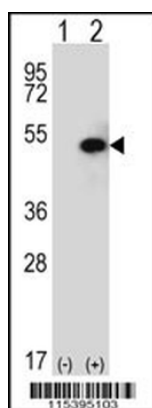
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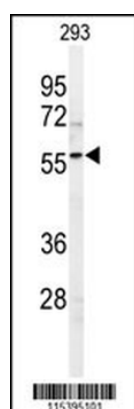
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Western blot analysis of SPHK1 (arrow) using rabbit polyclonal SPHK1 Antibody (C-term R414). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the SPHK1 gene.



Western blot analysis of SPHK1 Antibody (C-term R414) in 293 cell line lysates (35 ug/lane). SPHK1 (arrow) was detected using the purified Pab.

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