

Product Datasheet

SPHK1 Antibody (Center) (orb1929453)

Description	Purified Rabbit Polyclonal Antibody (Pab)
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IHC-P, WB
Target	This SPHK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-315 amino acids from the Central region of human SPHK1.
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	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
Note	For research use only
Isotype	Rabbit IgG
Clonality	Polyclonal
Clone Number	RB03621
MW	42518 Da
Uniprot ID	Q9NYA1
NCBI	NP_068807.2, NP_001136074.1, NP_892010.2, NP_001136073.1
Dilution Range	WB: 1:2000, WB: 1:1000, WB: 1:2000, IHC-P: 1:25, IHC-P: 1:25

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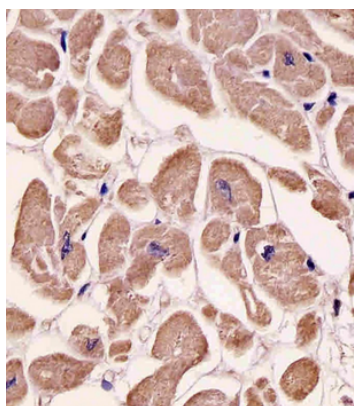
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
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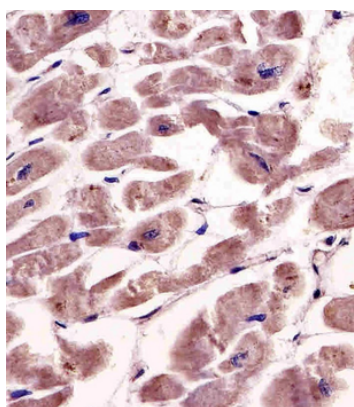
68 TW Alexander Drive,
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Expiration Date

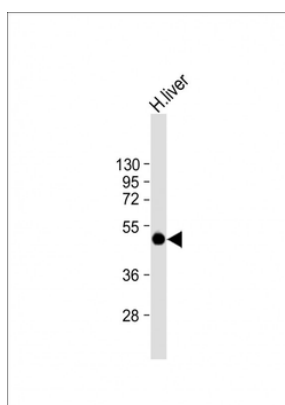
12 months from date of receipt.



Staining SPHK1 in human heart tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



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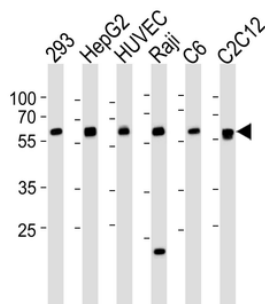
Anti-SPHK1 Antibody (Center) at 1:2000 dilution + human liver lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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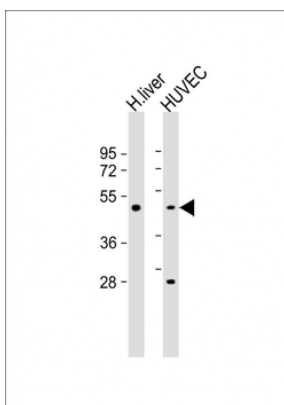
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Western blot analysis of lysates from 293, HepG2, HUVEC, Raji, rat C6, mouse C2C12 cell line (from left to right), using SPHK1 Antibody (R301). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 ug per lane.



All lanes: Anti-SPHK1 Antibody (Center) at 1:2000 dilution. Lane 1: human liver lysate. Lane 2: HUVEC whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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