

SPHK1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 321 and 384 of Human SPHK1
Form	Liquid
Concentration	1.17 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2545575

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

Product Specific Information

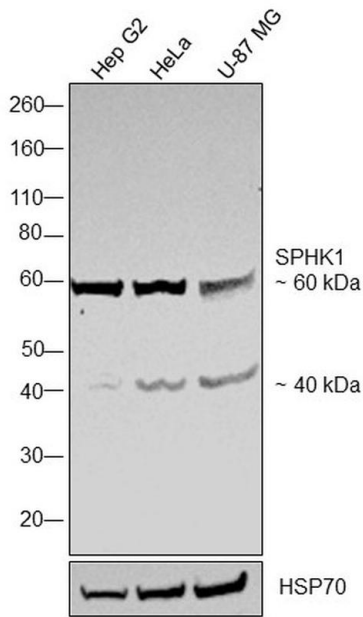
Recommended positive controls: A431, Molt-4.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For SPHK1 Polyclonal Antibody

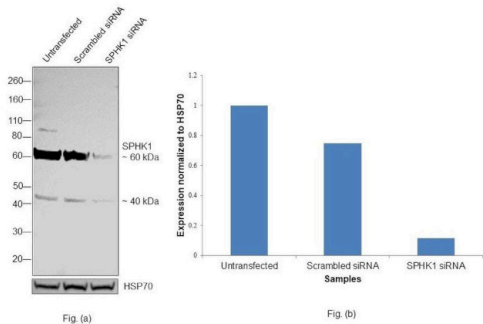
SPHK1 Antibody (PA5-28099) in WB

Western blot was performed using Anti-SPHK1 Polyclonal Antibody (Product # PA5-28099) and a 60 and 40 kDa bands corresponding to SPHK1 isoforms were observed across all cell lines tested. Membrane enriched lysate (40 µg lysate) of Hep G2 (Lane 1), HeLa (Lane 2), and U-87 MG (Lane 3) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution), using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



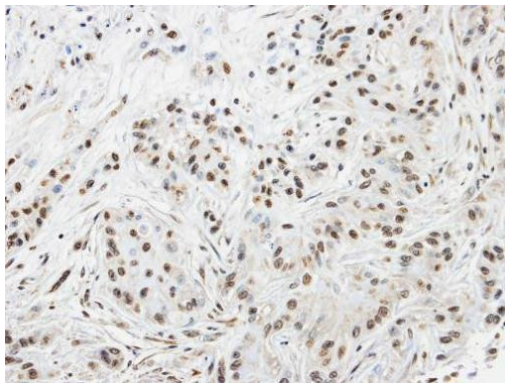
SPHK1 Antibody (PA5-28099)

Antibody specificity was demonstrated by siRNA mediated KD of target protein. Hep G2 cells were transfected with SPHK1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-SPHK1 Polyclonal Antibody (Product # PA5-28099). {KD}



SPHK1 Antibody (PA5-28099) in IHC (P)

Immunohistochemical analysis of paraffin-embedded A549 xenograft, using SPHK1 (Product # PA5-28099) antibody at 1:100 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



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