

Product Datasheet

SPHK2 Rabbit Polyclonal Antibody (orb7003)

Catalog Number	orb7003
Category	Antibodies
Description	SPHK2 Rabbit Polyclonal Antibody
Target	SPHK2
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human SPHK2 (101-200/654aa)
UniProt ID	Q9NRA0
RRID	AB_10926231
MW	68 kDa

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

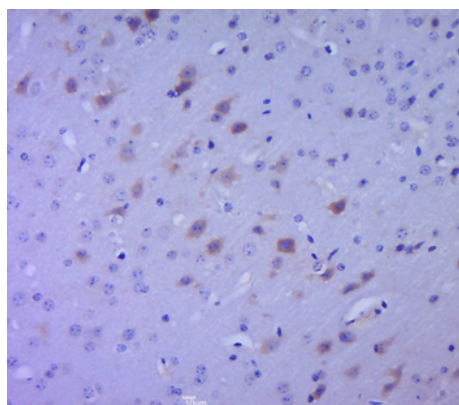
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

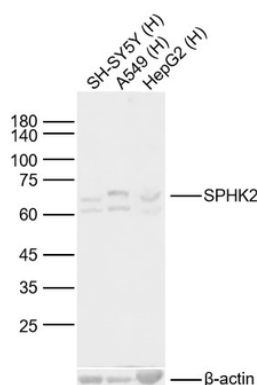
Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	ELISA, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, ELISA=1:5000-10000
Antibody Type	Primary Antibody
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
Expiration Date	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (SPHK2) Polyclonal Antibody, Unconjugated (orb7003) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Sample: Lane 1: Human SH-SY5Y cell Lysates, Lane 2: Human A549 cell Lysates, Lane 3: Human HepG2 cell Lysates, Primary: Anti-SPHK2 (orb7003) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 72kDa, Observed band size: 72kDa.

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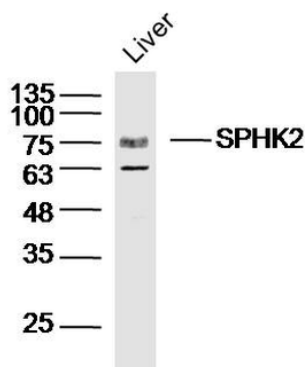
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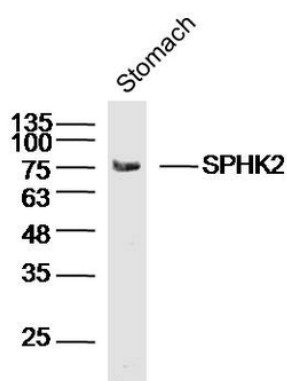
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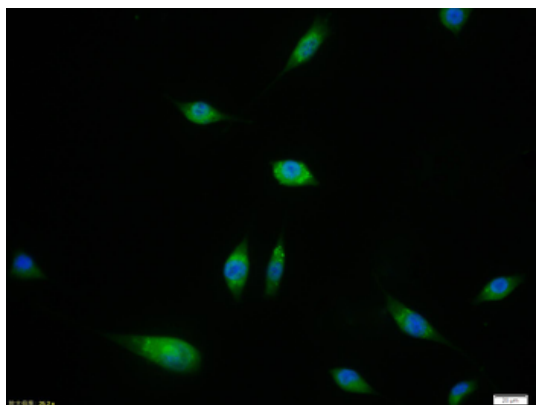
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Sample: Liver (Mouse) Lysate at 40 ug, Primary: Anti-SPHK2 (orb7003) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 72kD, Observed band size: 75kD.



Sample: Stomach (Mouse) Lysate at 40 ug, Primary: Anti-SPHK2 (orb7003) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 72kD, Observed band size: 75kD.



SH-SY5Y cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (SPHK2) polyclonal Antibody, Unconjugated (orb7003) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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