

SGPP2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide directed towards the C-terminal of human SGPP2
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 2% sucrose
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2606827

Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	1 Publication
Immunohistochemistry (IHC)	5 µg/mL	-

Product Specific Information

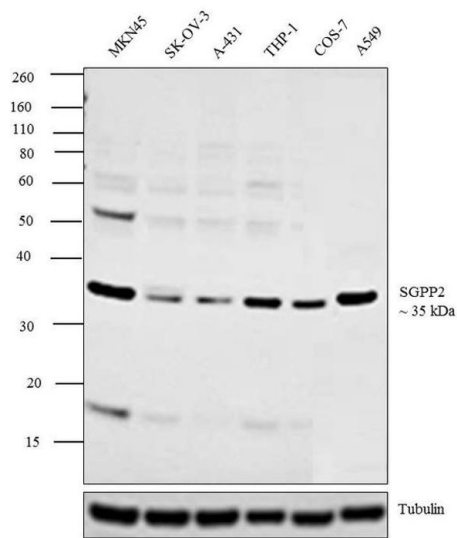
Peptide sequence: SKPAESLPVI QNIPPLTTYM LVLGLTKFAV GIVLILLVRQ LVQNLSLQVL

Sequence homology: Cow: 93%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 85%

Product Images For SGPP2 Polyclonal Antibody

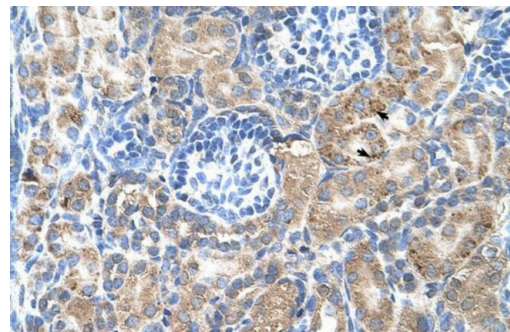
SGPP2 Antibody (PA5-42767) in WB

Western blot analysis was performed on whole cell extracts of MKN45 (Lane 1), SK-OV-3 (Lane 2), A-431 (Lane 3), THP-1 (Lane 4), COS-7 (Lane 5) and A549 (Lane 6). The blot was probed with Anti-SGPP2 Polyclonal Antibody (Product # PA5-42767, 2 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 35 kDa band corresponding to SGPP2 was observed across the cell lines tested.



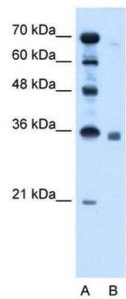
SGPP2 Antibody (PA5-42767) in IHC

Immunohistochemistry analysis of human kidney tissue using an anti-SGPP2 polyclonal antibody (Product # PA5-42767).



SGPP2 Antibody (PA5-42767) in WB

Western blot analysis of human HepG2 cell lysate using an anti-SGPP2 polyclonal antibody (Product # PA5-42767).



Western Blot (1)

<p>Cancers</p> <p>Sphingolipid Pathway as a Source of Vulnerability in IDH1 Glioma.</p> <p>"PA5-42767 was used in Western Blotting to show that N,N- dimethylsphingosine, sphingosine C17 and sphinganine C18 were significantly downregulated, while sphingosine-1-phosphate was significantly upregulated in glioma cultures following suppression of IDH1 mut activity."</p> <p>Authors: Dowdy T,Zhang L,Celiku O,Movva S,Lita A,Ruiz-Rodado V,Gilbert MR,Larion M</p>	<p>Year 2020</p> <p>Species Human</p>
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