

Datasheet for ABIN2783990
anti-SGPP1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SGPP1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SGPP1
Sequence:	THKYAPFIII GLHLALGIFS FTLDTWSTSR GDTAEILGSG AGIACGSHVT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against SGPP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SGPP1
Alternative Name:	SGPP1 (SGPP1 Products)
Background:	Sphingosine-1-phosphate (S1P) is a bioactive sphingolipid metabolite that regulates diverse

Target Details

biologic processes. SGPP1 catalyzes the degradation of S1P via salvage and recycling of sphingosine into long-chain ceramides (Mandala et al., 2000 [PubMed 10859351], Le Stunff et al., 2007 [PubMed 17895250]).

Alias Symbols: SPPase1

Protein Interaction Partner: UBC, ELAVL1, S1PR5,

Protein Size: 441

Molecular Weight: 49 kDa

Gene ID: 81537

NCBI Accession: [NM_030791](#), [NP_110418](#)

UniProt: [Q9BX95](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 441 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

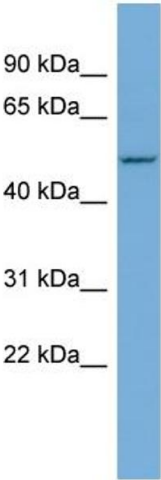
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

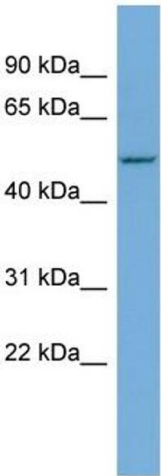


Rabbit Anti-SGPP1 Antibody
Catalog Number: ARP49967
Lot Number: QC29447
Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1. WB Suggested Anti-SGPP1
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate



Western Blotting

Image 2. WB Suggested Anti-SGPP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate