

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA333949

SLC27A4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SLC27A4 Antibody: synthetic peptide directed towards the middle region of human SLC27A4. Synthetic peptide located within the following region: YKFQKTELRKEGFDPAIVKDPLFYLDAQKGRYVPLDQEAYSRIQAGEEKL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	72 kDa
Gene Name:	solute carrier family 27 member 4
Database Link:	<u>NP_005085</u> <u>Entrez Gene 10999 Human</u> <u>Q6P1M0</u>
Background:	SLC27A4 is involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. It appears to be the principal fatty acid transporter in small intestinal enterocytes. SLC27A4 plays a role in the formation of the epidermal barrier. It is required for fat absorption in early embryogenesis. SLC27A4 has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids.
Synonyms:	ACSVL4; FATP4; IPS



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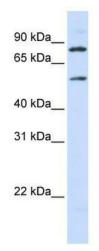
 Note:
 Immunogen sequence homology: Human: 100%; Pig: 93%; Rat: 93%; Horse: 93%; Mouse: 93%;

 Guinea pig: 93%; Dog: 86%; Bovine: 86%

Protein Families: Transmembrane

Protein Pathways: PPAR signaling pathway

Product images:



WB Suggested Anti-SLC27A4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: 293T cell lysate

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