

## Product datasheet for **TA333949**

### SLC27A4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	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: YKFQKTELRLKEGFDPAIVKDPFLFYLDAQKGRYVPLDQEAYSRIQAGEEKL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_005085</a> <a href="#">Entrez Gene 10999 Human Q6P1M0</a>
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