

## **Product datasheet for TA333647**

## **SLC25A21 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-SLC25A21 Antibody: synthetic peptide directed towards the N

terminal of human SLC25A21. Synthetic peptide located within the following region:

FYKGILPPILAETPKRAVKFFTFEQYKKLLGYVSLSPALTFAIAGLGSGL

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

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 33 kDa

**Gene Name:** solute carrier family 25 member 21

Database Link: NP 085134

Entrez Gene 89874 Human

Q9BQT8



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Background:

SLC25A21 is a homolog of the S. cerevisiae ODC proteins, mitochondrial carriers that transport C5-C7 oxodicarboxylates across inner mitochondrial membranes. One of the species transported by ODC is 2-oxoadipate, a common intermediate in the catabolism of lysine, tryptophan, and hydroxylysine in mammals. Within mitochondria, 2-oxoadipate is converted into acetyl-CoA.SLC25A21 is a homolog of the S. cerevisiae ODC proteins, mitochondrial carriers that transport C5-C7 oxodicarboxylates across inner mitochondrial membranes. One of the species transported by ODC is 2-oxoadipate, a common intermediate in the catabolism of lysine, tryptophan, and hydroxylysine in mammals. Within mitochondria, 2-oxoadipate is converted into acetyl-CoA. [supplied by OMIM]. Sequence Note: removed 1 base from the 3' end that did not align to the reference genome assembly. PRIMARYREFSEQ SPAN PRIMARY IDENTIFIER PRIMARY SPAN COMP 1-2023 AJ278148.1 1-

2023

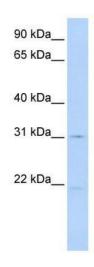
Synonyms: ODC; ODC1

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

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Yeast:

85%

## **Product images:**



WB Suggested Anti-SLC25A21 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive

Control: Human Placenta