

## **Product datasheet for TA335435**

# **SLC25A31 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-SLC25A31 Antibody: synthetic peptide directed towards the N

terminal of human SLC25A31. Synthetic peptide located within the following region:

LAGGVAAAVSKTAVAPIERVKLLLQVQASSKQISPEARYKGMVDCLVRIP

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: 35 kDa

**Gene Name:** solute carrier family 25 member 31

Database Link: NP 112581

Entrez Gene 83447 Human

Q9H0C2



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#### SLC25A31 Rabbit Polyclonal Antibody - TA335435

**Background:** Mitochondrial ADP/ATP carriers, such as SLC25A31, are nuclear-coded mitochondrial proteins

that catalyze the exchange of ATP generated in mitochondria by ATP synthase (see MIM 108729) against ADP produced in cytosol by most energy-consuming reactions. Mitochondrial ADP/ATP carriers, such as SLC25A31, are nuclear-coded mitochondrial proteins that catalyze the exchange of ATP generated in mitochondria by ATP synthase (see MIM 108729) against ADP produced in cytosol by most energy-consuming reactions (Dolce et al., 2005 [PubMed

15670820]). [supplied by OMIM]

Synonyms: AAC4; ANT 4; ANT4; SFEC35kDa

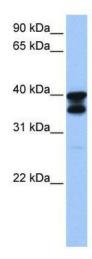
**Note:** Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Guinea pig: 100%; Bovine: 93%; Rabbit: 93%; Dog: 79%

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Calcium signaling pathway, Huntington's disease, Parkinson's disease

### **Product images:**



WB Suggested Anti-SLC25A31 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human brain