

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: LAGGVAAAVSKTAVAPIERVKLLQVQASSKQISPEARYKGMVDCLVRIP
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:	35 kDa
Gene Name:	solute carrier family 25 member 31
Database Link:	NP_112581 Entrez Gene 83447 Human Q9H0C2



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- 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