

Product datasheet for TA360017

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OriGene Technologies, Inc.

SLC25A4 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human ADT1

Specificity: Expected reactivity: Human

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.

Concentration: lot specific

Purification:Affinity purifiedConjugation:Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 32 kDa

Gene Name: solute carrier family 25 member 4

Database Link: NP 001142.2

Entrez Gene 291 Human

P12235

Background: This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes.

The product of this gene functions as a gated pore that translocates ADP from the cytoplasm into the mitochondrial matrix and ATP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the inner mitochondria membrane. Mutations in

this gene have been shown to result in autosomal dominant progressive external

opthalmoplegia and familial hypertrophic cardiomyopathy.

Synonyms: AAC1; ANT; ANT1; PEO2; PEO3; T1



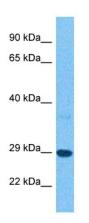


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Protein Families: Druggable Genome, Transmembrane

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

Product images:



Host: Rabbit Target Name: ADT1

Sample Type: COLO205 Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit Target Name: ADT1

Sample Tissue: COLO205 Whole Cell lysates

Antibody Dilution: 1.0ug/ml