

SLC25A4 rabbit monoclonal antibody

Catalog # H00000291-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC25A4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC25A4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SLC25A4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SLC25A4

Entrez GeneID	291
GeneBank Accession#	SLC25A4
Gene Name	SLC25A4
Gene Alias	AAC1, ANT, ANT1, PEO2, PEO3, T1
Gene Description	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
Omim ID	103220 157640 609283
Gene Ontology	Hyperlink
Gene Summary	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 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 ophthalmoplegia and familial hypertrophic cardiomyopathy. [provided by RefSeq]
Other Designations	adenine nucleotide translocator 1 (skeletal muscle)

Pathway

- [Calcium signaling pathway](#)

Disease

- [Abnormalities](#)
- [Genetic Predisposition to Disease](#)
- [Ophthalmoplegia](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)