



Rabbit Anti-SLC25A11 antibody

SL4037R

Product Name:	SLC25A11
Chinese Name:	Mitochondrion 二羧酸载体蛋白 11 抗体
Alias:	Mitochondrial 2 oxoglutarate/malate carrier protein; OGC; OGCP; SLC20A4; Solute carrier family 20 (oxoglutarate carrier) member 4; Solute carrier family 20 member 4; Solute carrier family 25 (mitochondrial carrier oxoglutarate carrier) member 11; Solute carrier family 25 member 11.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLC25A11:35-140/314
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	SLC25A11 catalyzes the transport of 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in

nitrogen metabolism.

Function:

Catalyzes the transport of 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism.

Subcellular Location:

Mitochondrion inner membrane; Multi-pass membrane protein.

Similarity:

Belongs to the mitochondrial carrier family.
Contains 3 Solcar repeats.

SWISS:

Q02978

Gene ID:

8402

Database links:

[Entrez Gene: 8402](#)Human

[Entrez Gene: 67863](#)Mouse

[Entrez Gene: 64201](#)Rat

[Omim: 604165](#)Human

[SwissProt: P22292](#)Cow

[SwissProt: Q02978](#)Human

[SwissProt: Q9CR62](#)Mouse

[SwissProt: P97700](#)Rat

[Unigene: 184877](#)Human

[Unigene: 296082](#)Mouse

[Unigene: 466994](#)Mouse

[Unigene: 853](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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