



Rabbit Anti-SLC25A6 antibody

SL7577R

Product Name:	SLC25A6
Chinese Name:	Mitochondrion载体腺嘌呤核苷酸Transporter6抗体
Alias:	Adenine nucleotide translocator 3; ADP ATP carrier protein 3; ADP ATP carrier protein isoform T2; ADP ATP carrier protein liver; ADP/ATP translocase 3; ADP/ATP translocator of liver; ANT 3; ANT3; ANT3Y; MGC17525; Solute carrier family 25 (mitochondrial carrier adenine nucleotide translocator) member 6; Solute carrier family 25 member 6; ADT3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit,Zebrafish,Sheep,
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:	33kDa
Cellular localization:	cytoplasmicThe cell membraneMitochondrion
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLC25A6:56-150/298
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:	SLC25A6 (solute carrier family 25, member A6) participates in the exchange of ADP and ATP across the mitochondrial inner membrane. It may be involved in the formation of the permeability transition pore complex (PTPC), a multiprotein complex built up at

the contact site between the inner and the outer mitochondrial membranes. Opening of the PTPC causes massive swelling of mitochondria, rupture of the outer membrane and release of intermembrane components that induce apoptosis.

Function:

Catalyzes the exchange of cytoplasmic ADP with mitochondrial ATP across the mitochondrial inner membrane. May participate in the formation of the permeability transition pore complex (PTPC) responsible for the release of mitochondrial products that triggers apoptosis.

Subunit:

Found in a complex with ARL2, ARL2BP and SLC25A6. Homodimer. Interacts with influenza A virus PB1-F2 protein and HIV-1 Vpr.

Subcellular Location:

Mitochondrion inner membrane; Multi-pass membrane protein.

Similarity:

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

SWISS:

P12236

Gene ID:

293

Database links:

[Entrez Gene: 293](#)Human

[Oimim: 300151](#)Human

[Oimim: 403000](#)Human

[SwissProt: P12236](#)Human

[Unigene: 350927](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.