

Rabbit SLC25A31 Polyclonal Antibody | anti-SLC25A31 antibody

SLC25A31 Antibody

CATALOG # AAA324422	HOST Rabbit	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

SLC25A31; Polyclonal Antibody; SLC25A31 Antibody; AAC4; Adenine nucleotide translocator 4; ADP; ATP carrier protein 4; ADP/ATP translocase 4; ADT4_HUMAN; ANT 4; ANT4; SFEC; Slc25a31; Solute carrier family 25 member 31; Sperm flagellar energy carrier protein; anti-SLC25A31 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	SLC25A31 Antibody detects endogenous levels of total SLC25A31.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SLC25A31 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SLC25A31, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from various samples, using SLC25A31 Antibody. Lane 1: Mouse muscle lysates Lane 2: Mouse brain lysates Lane 3: Rat brain lysates Lane 4: Mouse liver lysates



IF (Immunofluorescence)

AAA324422 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A31 antibody	Catalyzes the exchange of cytoplasmic ADP with mitochondrial ATP across the mitochondrial inner membrane. May serve to mediate energy generating and energy consuming processes in the distal flagellum, possibly as a nucleotide shuttle between flagellar glycolysis, protein phosphorylation and mechanisms of motility.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	972775944
NCBI GeneID	83447
NCBI Accession #	NP_001305396.1

NCBI GenBank Nucleotide #	NM_001318467.1
UniProt Accession #	Q9H0C2
Molecular Weight	35 KD
NCBI Official Full Name	ADP/ATP translocase 4 isoform 2
NCBI Official Synonym Full Names	solute carrier family 25 member 31
NCBI Official Symbol	SLC25A31
NCBI Official Synonym Symbols	AAC4; ANT4; ANT 4; SFEC35kDa
NCBI Protein Information	ADP/ATP translocase 4
UniProt Protein Name	ADP/ATP translocase 4
UniProt Gene Name	SLC25A31
UniProt Synonym Gene Names	AAC4; ANT4; SFEC; ANT 4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc25a31-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324422>