

Rabbit ANT4 Polyclonal Antibody | anti-SLC25A31 antibody

Anti-ANT4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104467	Rabbit	Human, Monkey	Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ANT4 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	315
Applicable Applications for anti-SLC25A31 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ANT4. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

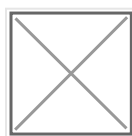


IF (Immunofluorescence)

Immunofluorescent analysis of ANT4 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)



WB (Western Blot)

Western blot analysis of ANT4 expression in K562 (A), U251MG (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A31 antibody	Rabbit polyclonal antibody to ANT4
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13775208
NCBI GeneID	83447
NCBI Accession #	NP_112581.1
NCBI GenBank Nucleotide #	NM_031291.2
UniProt Accession #	Q9H0C2
Molecular Weight	35,022 Da
NCBI Official Full Name	ADP/ATP translocase 4
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31
NCBI Official Symbol	SLC25A31
NCBI Official Synonym Symbols	AAC4; ANT4; SFEC35kDa
NCBI Protein Information	ADP/ATP translocase 4; ANT 4; ADP,ATP carrier protein 4; adenine nucleotide translocase 4; adenine nucleotide translocator 4; solute carrier family 25 member 31; sperm flagellar energy carrier protein
UniProt Protein Name	ADP/ATP translocase 4
UniProt Gene Name	SLC25A31
UniProt Synonym Gene Names	AAC4; ANT4; SFEC; ANT 4
UniProt Entry Name	ADT4_HUMAN

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/ant4-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/104467>