

Rabbit anti-Human, Mouse ANT4 Polyclonal Antibody | anti-ANT4 antibody

ANT4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA294262	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ANT4; Polyclonal Antibody; ANT4 Polyclonal Antibody; SLC25A31; 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-ANT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-ANT4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-ANT4 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 #	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-immunofluorescence-immunohistochemistry-western-blot-elisa/294262>