

Rabbit ANT3 Polyclonal Antibody | anti-SLC25A6 antibody

Anti-ANT3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260319	Rabbit	Human, Mouse, Rat, Monkey	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ANT3; Polyclonal Antibody; Anti-ANT3 Antibody; ADP/ATP translocase 3; ADP; ATP carrier protein 3; ATP carrier protein; isoform T2; ANT 2; Adenine nucleotide translocator 3; ANT 3; Solute carrier family 25 member 6; anti-SLC25A6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ANT3 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	298
Applicable Applications for anti-SLC25A6 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ANT3. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ANT3 staining in A549 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of ANT3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ANT3 expression in mouse liver (A), mouse heart (B), rat liver (C), rat heart (D) whole cell lysates.(Predicted band size: 32 kD; Observed band size: 36 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A6 antibody	Rabbit polyclonal antibody to ANT3
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156071462
NCBI GeneID	293
NCBI Accession #	NP_001627.2
NCBI GenBank Nucleotide #	NM_001636.3
UniProt Accession #	P12236; Q96C49
NCBI Official Full Name	ADP/ATP translocase 3
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6
NCBI Official Symbol	SLC25A6
NCBI Official Synonym Symbols	ANT; AAC3; ANT3; ANT 2; ANT 3; ANT3Y
NCBI Protein Information	ADP/ATP translocase 3
UniProt Protein Name	ADP/ATP translocase 3
UniProt Gene Name	SLC25A6
UniProt Synonym Gene Names	ANT3; ANT 2; ANT 3
UniProt Entry Name	ADT3_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.