

Anti-Human/Mouse ANT4 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02039

3th Edition

Description: The protein encoded by this gene is a member of the ADP/ATP carrier family of proteins that exchange cytosolic ADP for matrix ATP in the mitochondria. Cells over-expressing this gene have been shown to display an anti-apoptotic phenotype. This protein is also thought to play a role in spermatogenesis, where it is believed to associate with a part of the flagellar cytoskeleton and with glycolytic enzymes. Male mice with mutations in the mouse ortholog of this gene are sterile and spermatocytes display an early meiotic arrest phenotype. Alternative splicing results in multiple transcript variants encoding different isoforms. SLC25A31 (Solute Carrier Family 25 Member 31) is a Protein Coding gene. Among its related pathways are Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins. and HTLV-I infection. GO annotations related to this gene include transporter activity. An important paralog of this gene is SLC25A4.

Antigen: Synthesized peptide derived from the Internal region of human ANT4

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in brain, liver, sperm and testis.