

**SLC25A3 polyclonal antibody**

Catalog: BS34392

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Solute carrier family 25 member 3: Inorganic ion transporter that transports phosphate or copper ions across the mitochondrial inner membrane into the matrix compartment (By similarity). Mediates proton-coupled symport of phosphate ions necessary for mitochondrial oxidative phosphorylation of ADP to ATP (By similarity). Transports copper ions probably in the form of anionic copper(I) complexes to maintain mitochondrial matrix copper pool and to supply copper for cytochrome C oxidase complex assembly. May also play a role in regulation of the mitochondrial permeability transition pore (mPTP) (By similarity).

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~40.1 kDa

Swiss-Prot:

Q00325

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of SLC25A3 protein

DATA:

Western blot analysis of SLC25A17 expression in NCIH460 (A) whole cell lysates.

Flow cytometric analysis of NCIH460 cells using Anti-SLC25A17 Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Rabbit IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.

Note:

For research use only, not for use in diagnostic procedure.

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