

**SLC25A33 polyclonal antibody**

Catalog: BS33572

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Solute carrier family 25 member 33: Mitochondrial transporter that imports/exports pyrimidine nucleotides into and from mitochondria. Selectively transports uridine, thymidine, guanosine, cytosine and inosine (deoxy)nucleoside di- and triphosphates by an antiport mechanism. May import (deoxy)nucleoside triphosphates in exchange for intramitochondrial (deoxy)nucleoside diphosphates, thus providing precursors necessary for de novo synthesis of mitochondrial DNA and RNA while exporting products of their catabolism. Participates in mitochondrial genome maintenance, regulation of mitochondrial membrane potential and mitochondrial respiration. Upon INS or IGF1 stimulation regulates cell growth and proliferation by controlling mitochondrial DNA replication and transcription, the ratio of mitochondria-to nuclear-encoded components of the electron transport chain resulting in control of mitochondrial ROS production. Participates...

Product:

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

Molecular Weight:

~35.4 kDa

Swiss-Prot:

Q9BSK2

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 SLC25A33 protein

DATA:

Western blot analysis of c-FGR expression in HL60 (A) whole cell lysates.

Note:

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

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