

SLC25A11 polyclonal antibody

Catalog: BS5834

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

SLC25A11 (Solute carrier family 25 member 11), also known as Mitochondrial 2-oxoglutarate/malate carrier protein, is a 314 amino acid multi-pass transmembrane protein belonging to the mitochondrial carrier protein family. As an oxoglutarate/malate carrier, SLC25A11 transports 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for dicarboxylic acids and malate. SLC25A11 also participates in other important metabolic processes, such as the oxoglutarate/isocitrate shuttle and the malate-aspartate shuttle, as well as in nitrogen metabolism and in gluconeogenesis from lactate. SLC25A11 contains 3 solcar repeats, which is typical of substrate carrier proteins involved in energy transfer.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 20, 34 kDa

Swiss-Prot:

Q02978

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

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:

SLC25A11 polyclonal antibody detects endogenous levels of SLC25A11 protein.

DATA:



Western blot (WB) analysis of SLC25A11 polyclonal antibody at 1:500 dilution

Lane1:HepG2 cell lysate

Lane2:Raw264.7 cell lysate

Lane3:H9C2 cell lysate

Note:

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

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