

**SLC25A41 polyclonal antibody**

Catalog: BS35937

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Mitochondrial carrier protein SCA_{MC}-3L: Calcium-independent ATP-Mg/Pi exchanger that catalyzes the electroneutral exchange of Mg-ATP or free ADP against an hydrogenphosphate and participates in the net transport of adenine nucleotides across the mitochondria inner membrane

Product:

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

Molecular Weight:

~40.8 kDa

Swiss-Prot:

Q8N5S1

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 SLC25A41 protein

DATA:

Western blot analysis of c-RAF (Phospho-Y341) expression in MEF (A), PC12 (B), SGC7901 (C), A549 (D), Panc1 (E) whole cell lysates. Immunohistochemical analysis of c-RAF (Phospho-Y341) staining in human pancreas 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. Immunofluorescent analysis of c-RAF (Phospho-Y341) staining in MCF7 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).

Note:

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

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