

**SLC25A29 polyclonal antibody**

Catalog: BS35124

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Mitochondrial basic amino acids transporter: Mitochondrial transporter of arginine, lysine, homoarginine, methylarginine and, to a much lesser extent, ornithine and histidine. Does not transport carnitine nor acylcarnitines. Functions by both counter-exchange and uniport mechanisms. Plays a physiological role in the import of basic amino acids into mitochondria for mitochondrial protein synthesis and amino acid degradation.

Product:

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

Molecular Weight:

~32.1 kDa

Swiss-Prot:

Q8N8R3

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 SLC25A29 protein

DATA:

Western blot analysis of CD3d expression in mouse spleen (A) whole cell lysates.

Immunofluorescent analysis of CD3d staining in Jurkat 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Note:

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

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