

**SLC30A5 polyclonal antibody**

Catalog: BS33445

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Proton-coupled zinc antiporter SLC30A5: Together with SLC30A6 forms a functional proton-coupled zinc ion antiporter mediating zinc entry into the lumen of organelles along the secretory pathway. By contributing to zinc ion homeostasis within the early secretory pathway, regulates the activation and folding of enzymes like alkaline phosphatases and enzymes involved in phosphatidylinositol glycan anchor biosynthesis. Through the transport of zinc into secretory granules of pancreatic beta-cells, plays an important role in the storage and secretion of insulin

Product:

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

Molecular Weight:

~84.0 kDa

Swiss-Prot:

Q8TAD4

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 SLC30A5 protein

DATA:

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

Immunohistochemical analysis of Myeloperoxidase staining in rat spleen 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.

Note:

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

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