
SLC30A8 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254333

Unit: 0.1 mg

Description:

Slc30A8 is a zinc efflux transporter involved in the accumulation of zinc in intracellular vesicles and is expressed at a high level in the pancreas, particularly in islets of Langerhans, and co-localizes with insulin in the secretory pathway granules of the insulin-secreting INS-1 cells. Allelic variants of Slc30A8 have been identified as major genetic risk factors for the development of Type 2 diabetes, but no genetic association has been found with Type 1 diabetes. Slc30A8 expression in b-cells was found to be influenced by cytokine expression, particularly IFN-gamma and IL-1 beta.

Isotype: Rabbit Ig

Applications: E, IF, IHC, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: SLC30A8; Solute carrier family 30 member 8; zinc transporter 8; ZNT8; ZnT-8

Accession No.: NP_776250

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Slc30A8.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IF: 1:50-1:200

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.