
Slc37A2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254240

Unit: 0.1 mg

Description:

The Slc37 gene family consists of four members which have 10-12 predicted transmembrane domains and belong to the sugar-phosphate transporter superfamily. Recent experiments have demonstrated that Slc37A2 is a macrophage-specific gene selectively expressed in obese white adipose tissue. Its transcript is also expressed in spleen and thymus and the cell lines RAW264.7 and THP-1. Compared to wild-type mice, Slc37A2 mRNA is expressed at nine-fold higher levels in abdominal epididymal fat deposits of ob/ob mice, suggesting that it may be required to limit the contribution of macrophages to the inflammatory state present in obesity. Slc37A2 protein is post-translationally modified with the addition of N-linked glycans and migrates as a heterogeneous species of 50-75kDa.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Slc37A2; Solute carrier family 37 member 2; sugar phosphate exchanger 2; glycerol-3-phosphate transporter

Accession No.: NP_938018

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human Slc37A2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

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.