

ZIP5 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254393

Unit: 0.1 mg

Description:

The zinc transporter ZIP5, also known as SLC39A5, is a member of a family of divalent ion transporters. Zinc is an essential ion for cells and plays significant roles in the growth, development, and differentiation. ZIP5 is closely related to ZIP4, and is found in many of the same tissues, including intestine, pancreas, liver, and kidney, but unlike ZIP4, ZIP5 localizes to the basolateral membrane in kidney cells and its activity is not downregulated by zinc repletion. Recent evidence suggests that ZIP4 and ZIP5 are reciprocally regulated, with translation of ZIP5 mRNA decreasing and ZIP5 protein being rapidly internalized and degraded in response to zinc deficiency.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M

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: ZIP5; Solute carrier family 39 member A5; Slc39A5; LZT-Hs1

Accession No.: NP_001128667

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ZIP5.

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

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.