ZIP7 Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 254395
Unit: 0.1 mg

Description:
The zinc transporter ZIP7, also known as SLC39A7, 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. ZIP7 was initially identified while characterizing genes in the major histocompatibility complex on chromosome 17. ZIP7 mRNA is abundantly and widely expressed and the protein localizes to the Golgi apparatus. It functions to transport intracellular zinc from the Golgi apparatus to the cytoplasm of the cell. ZIP7 expression is expressed by zinc. ZIP7 has been suggested to act a hub for tyrosine kinase activation and may thus be a potential therapeutic target for diseases such as cancer where prevention of tyrosine kinase activation would be advantageous.

Isotype: Rabbit Ig
Applications: E, WB
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: ZIP7; Solute carrier family 39 member A7; Slc39A7; HKE4; KE4; H2-KE4; D6S115E; RING5
Accession No.: NP_001070984

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ZIP7.
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.