

**Anti-Human SLC39A4 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA06163**

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3th Edition

**Description:** This gene encodes a member of the zinc/iron-regulated transporter-like protein (ZIP) family. The encoded protein localizes to cell membranes and is required for zinc uptake in the intestine. Mutations in this gene result in acrodermatitis enteropathica. Multiple transcript variants encoding different isoforms have been found for this gene. SLC39A4 (Solute Carrier Family 39 Member 4) is a Protein Coding gene. Diseases associated with SLC39A4 include Acrodermatitis Enteropathica and Acrodermatitis. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and Senescence and Autophagy in Cancer. GO annotations related to this gene include metal ion transmembrane transporter activity and zinc ion transmembrane transporter activity. An important paralog of this gene is SLC39A12.

**Antigen:** Synthesized peptide derived from the Internal region of human ZIP4

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Highly expressed in kidney, small intestine, stomach, colon, jejunum and duodenum.