

SLC39A4 polyclonal antibody

Catalog # PAB15666 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SLC39A4.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human SLC39A4.
Sequence	C-RQPKPPHEGSRAD
Host	Goat
Theoretical MW (kDa)	66.2, 68.4
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SLC39A4

Entrez GeneID	55630
Protein Accession#	NP_060237.2
Gene Name	SLC39A4
Gene Alias	AEZ, FLJ20327, MGC74741, ZIP4
Gene Description	solute carrier family 39 (zinc transporter), member 4
Omim ID	201100 607059
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the zinc/iron-regulated transporter-like protein (ZIP) family. The transmembrane protein is required for zinc uptake in the intestine. Mutations in this gene result in a crodermatitis enteropathica, a rare inherited defect in the absorption of dietary zinc. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	acrodermatitis enteropathica, zinc-deficiency type zinc transporter ZIP4

Publication Reference

- [Aberrant expression of zinc transporter ZIP4 \(SLC39A4\) significantly contributes to human pancreatic cancer pathogenesis and progression.](#)

Li M, Zhang Y, Liu Z, Bharadwaj U, Wang H, Wang X, Zhang S, Liuzzi JP, Chang SM, Cousins RJ, Fisher WE, Brunnicardi FC, Logsdon CD, Chen C, Yao Q.

PNAS 2007 Nov; 104(47):18636.

Application: WB, Human, MIA PaCa-2 cells

Disease

- [Abortion](#)
- [Genetic Predisposition to Disease](#)