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Datasheet for ABIN570697

## anti-SLC39A4 antibody (Internal Region)

### Overview

Quantity:	100 µg
Target:	SLC39A4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC39A4 antibody is un-conjugated
Application:	ELISA

### Product Details

Purpose:	SLC39A4
Immunogen:	Peptide with sequence C-RQPKPPHEGSRAD, from the internal region of the protein sequence according to NP_060237.2, NP_570901.2.
Sequence:	RQPKPPHEGS RAD
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_060237.2, NP_570901.2)
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

Target:	SLC39A4
Alternative Name:	SLC39A4 ( <a href="#">SLC39A4 Products</a> )
Background:	SLC39A4, solute carrier family 39 (zinc transporter), member 4, AEZ, FLJ20327, MGC74741, ZIP4, acrodermatitis enteropathica, zinc-deficiency type, zinc transporter ZIP4
Gene ID:	55630
NCBI Accession:	<a href="#">NP_060237</a> , <a href="#">NP_570901</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Autophagy</a>

## Application Details

Application Notes:	Western Blot: Preliminary experiments in Human Colon and Ileum lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback from people in the field - have any results been reported with ot Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.