

Goat anti-SLC39A4 Antibody

Item Number	dAP-1706
Target Molecule	Principle Name: SLC39A4; Official Symbol: SLC39A4; All Names and Symbols: SLC39A4; solute carrier family 39 (zinc transporter), member 4; AEZ; FLJ20327; MGC74741; ZIP4; acrodermatitis enteropathica, zinc-deficiency type; zinc transporter ZIP4; Accession Number (s): NP_060237.2; NP_570901.2; Human Gene ID(s): 55630; Non-Human GeneID(s):
Immunogen	RQPKPPHEGSRAD, is from internal region This antibody is expected to recognize both reported isoforms (NP_060237.2; NP_570901.2)
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: Preliminary experiments in Human Colon and Ileum lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with it
IHC	
Reference	Reference(s): 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. Aberrant expression of zinc transporter ZIP4 (SLC39A4) significantly contributes to human pancreatic cancer pathogenesis and progression. Proc

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**