ZIP4 Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	ZIP4, Polyclonal Antibody
Full Product Name	ZIP4 Polyclonal Antibody
Product Gene Name	anti-ZIP4 antibody
Clonality	Polyclonal
Molecular Weight	66,178 Da
OMIM	201100
3D Structure	ModBase 3D Structure for Q6P5W5
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-ZIP4 antibody	MBS8525930 is an antibody targeting ZIP4. Also known as ZIP4 Polyclonal Antibody.
Other Notes	Small volumes of anti-ZIP4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZIP4. It may not necessarily be applicable to this product.

NCBI GI #	115430259
NCBI GeneID	55630
NCBI Accession #	NP_060237.2
UniProt Primary Accession #	Q6P5W5
UniProt Secondary Accession #	Q7L5S5; Q9H6T8; Q9NXC4
UniProt Related Accession #	Q6P5W5
GenBank Nucleotide #	NM_017767.2
NCBI Official Full Name	zinc transporter ZIP4 isoform 1
NCBI Official Synonym Full Names	solute carrier family 39 member 4
NCBI Official Symbol	SLC39A4
NCBI Official Synonym Symbols	AEZ; ZIP4; AWMS2
UniProt Protein Name	Zinc transporter ZIP4
UniProt Synonym Protein Names	Solute carrier family 39 member 4; Zrt- and Irt-like protein 4; ZIP-4
Protein Family	TPR repeat-containing protein
UniProt Gene Name	SLC39A4
UniProt Synonym Gene Names	ZIP4; ZIP-4
NCBI Protein Information	zinc transporter ZIP4

NCBI Summary for ZIP4	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. [provided by RefSeq, Jul 2013]
UniProt Comments for ZIP4	Plays an important role in cellular zinc homeostasis as a zinc transporter. Regulated in response to zinc availability ().
Research Articles on ZIP4	**1.** ZIP4 regulates human epidermal homeostasis in patients with acrodermatitis enteropathica.
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