

Immunotag™ ZIP7 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4950
Product Description	Immunotag™ ZIP7 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	ZIP7
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC39A7. AA range:131-180
Specificity	ZIP7 Polyclonal Antibody detects endogenous levels of ZIP7 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SLC39A7
Accession No.	Q92504 Q31125
Alternate Names	SLC39A7; HKE4; RING5; Zinc transporter SLC39A7; Histidine-rich membrane protein Ke4; Really interesting new gene 5 protein; Solute carrier family 39 member 7

Antibody Specification

Description	solute carrier family 39 member 7(SLC39A7) Homo sapiens The protein encoded by this gene transports zinc from the Golgi and endoplasmic reticulum to the cytoplasm. This transport may be important for activation of tyrosine kinases, some of which could be involved in cancer progression. Therefore, modulation of the encoded protein could be useful as a therapeutic agent against cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],
Protein Expression	Kidney,Platelet,Skin,
Subcellular Localization	nucleoplasm,endoplasmic reticulum,endoplasmic reticulum membrane,Golgi apparatus,membrane,integral component of membrane,
Protein Function	similarity:Belongs to the ZIP transporter (TC 2.A.5) family. KE4/Catsup subfamily.,tissue specificity:Major expression in placenta, lung, kidney and pancreas.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.