

# Immunotag™ S39A5 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1550
Product Description	Immunotag™ S39A5 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	S39A5
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S39A5 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	SLC39A5 ZIP5
Accession No.	Q6ZMH5 Q9D856

## Antibody Specification

Description	solute carrier family 39 member 5(SLC39A5) Homo sapiens The protein encoded by this gene belongs to the ZIP family of zinc transporters that transport zinc into cells from outside, and play a crucial role in controlling intracellular zinc levels. Zinc is an essential cofactor for many enzymes and proteins involved in gene transcription, growth, development and differentiation. Mutations in this gene have been associated with autosomal dominant high myopia (MYP24). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2014],
Protein Expression	Colon,Kidney,Pancreas,
Subcellular Localization	integral component of plasma membrane,integral component of membrane,basolateral plasma membrane,extracellular exosome,
Protein Function	function:May play a role in polarized cells by carrying out serosal-to-mucosal zinc transport. Seems to play a central role in controlling organismal zinc status.,PTM:Glycosylated.,similarity:Belongs to the ZIP transporter (TC 2.A.5) family.,tissue specificity:Expressed in liver, kidney, pancreas, small intestine, colon, spleen, fetal liver and fetal kidney.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.