

SLC39A5 Conjugated Antibody

Catalog No: #C40370



Package Size: #C40370-AF350 100ul #C40370-AF405 100ul #C40370-AF488 100ul
 #C40370-AF555 100ul #C40370-AF594 100ul #C40370-AF647 100ul
 #C40370-AF680 100ul #C40370-AF750 100ul #C40370-Biotin 100ul

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Description

Product Name	SLC39A5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC39A5 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 39 (zinc transporter), member 5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ZIP5; MYP24; LZT-Hs7
Accession No.	Swiss-Prot#:Q6ZMH5NCBI Gene ID:283375NCBI mRNA#:NCBI Protein#:NP_001128667
Uniprot	Q6ZMH5
GeneID	283375;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	56
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Background

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.?

Note: This product is for in vitro research use only