

SLC41A3 Conjugated Antibody

Catalog No: #C37945



Package Size: #C37945-AF350 100ul #C37945-AF405 100ul #C37945-AF488 100ul
 #C37945-AF555 100ul #C37945-AF594 100ul #C37945-AF647 100ul
 #C37945-AF680 100ul #C37945-AF750 100ul #C37945-Biotin 100ul

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Description

Product Name	SLC41A3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC41A3 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 41, member 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SLC41A1-L2
Accession No.	Swiss-Prot#:Q96GZ6NCBI Gene ID:54946NCBI Protein#:NP_115524/Q96JW4
Uniprot	Q96GZ6
GeneID	54946;
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
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

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

SLC41A3 (solute carrier family 41 member 3) is a 507 amino acid multi-pass membrane protein that belongs to the SLC41A transporter family that includes SLC41A1 and SLC41A2. Localizing to the cell membrane, SLC41A3 contains ten transmembrane domains and is believed to function as a plasma-membrane cation transporter. Its other two family members, SLC41A1 and SLC41A2, have been characterized to function as magnesium transporters and are essential for maintaining magnesium homeostasis within the cell.?

Note: This product is for in vitro research use only