

## SLC40A1 Conjugated Antibody

Catalog No: #C37943



Package Size: #C37943-AF350 100ul #C37943-AF405 100ul #C37943-AF488 100ul  
 #C37943-AF555 100ul #C37943-AF594 100ul #C37943-AF647 100ul  
 #C37943-AF680 100ul #C37943-AF750 100ul #C37943-Biotin 100ul

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## Description

Product Name	SLC40A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC40A1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 40 (iron-regulated transporter), member 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FPN1; HFE4; MTP1; IREG1; MST079; MSTP079; SLC11A3
Accession No.	Swiss-Prot#:Q9NP59NCBI Gene ID:30061NCBI Protein#:NP_060845/Q9NUM3
Uniprot	Q9NP59
GeneID	30061;
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

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The protein encoded by this gene is a cell membrane protein that may be involved in iron export from duodenal epithelial cells. Defects in this gene are a cause of hemochromatosis type 4 (HFE4).

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Note: This product is for in vitro research use only