SLC22A12 Conjugated Antibody

Catalog No: #C37780

Package Size: #C37780-AF350 100ul #C37780-AF405 100ul #C37780-AF488 100ul #C37780-AF555 100ul #C37780-AF594 100ul #C37780-AF647 100ul #C37780-AF680 100ul #C37780-AF750 100ul #C37780-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC22A12 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC22A12 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 22 (organic anion/urate transporter), member 12
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	RST; OAT4L; URAT1
Accession No.	Swiss-Prot#:Q96S37NCBI Gene ID:116085NCBI mRNA#:NCBI Protein#:NP_005481
Uniprot	Q96S37
GeneID	116085;
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	60
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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

The protein encoded by this gene is a member of the organic anion transporter (OAT) family, and it acts as a urate transporter to regulate urate levels in blood. This protein is an integral membrane protein primarily found in epithelial cells of the proximal tubule of the kidney. An elevated level of serum urate, hyperuricemia, is associated with increased incidences of gout, and mutations in this gene cause renal hypouricemia type 1. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only