

SLC20A1 Conjugated Antibody

Catalog No: #C37243



Package Size: #C37243-AF350 100ul #C37243-AF405 100ul #C37243-AF488 100ul
 #C37243-AF555 100ul #C37243-AF594 100ul #C37243-AF647 100ul
 #C37243-AF680 100ul #C37243-AF750 100ul #C37243-Biotin 100ul

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Description

Product Name	SLC20A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC20A1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 20 (phosphate transporter), member 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PIT1; GLVR1; PIT-1; Glvr-1
Accession No.	Swiss-Prot#:Q8WUM9NCBI Gene ID:6574NCBI Protein#:NP_006662.3
Uniprot	Q8WUM9
GeneID	6574;
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

The protein encoded by this gene is a sodium-phosphate symporter that absorbs phosphate from interstitial fluid for use in cellular functions such as metabolism, signal transduction, and nucleic acid and lipid synthesis. The encoded protein is also a retroviral receptor, causing human cells to be susceptible to infection by gibbon ape leukemia virus, simian sarcoma-associated virus, feline leukemia virus subgroup B, and 10A1 murine leukemia virus.

Note: This product is for in vitro research use only