

## SLC22A18 Conjugated Antibody

Catalog No: #C47204



Package Size: #C47204-AF350 100ul #C47204-AF405 100ul #C47204-AF488 100ul  
 #C47204-AF555 100ul #C47204-AF594 100ul #C47204-AF647 100ul  
 #C47204-AF680 100ul #C47204-AF750 100ul #C47204-Biotin 100ul

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## Description

Product Name	SLC22A18 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC22A18 protein.
Immunogen Description	Synthetic peptide of human SLC22A18
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HET; ITM; BWR1A; IMPT1; TSSC5; ORCTL2; BWSCR1A; SLC22A1L; p45-BWR1A
Accession No.	Swiss-Prot#:Q96BI1 NCBI Gene ID:5002NCBI Protein#:NP_002546
Uniprot	Q96BI1
GeneID	5002;
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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This gene is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene is imprinted, with preferential expression from the maternal allele. Mutations in this gene have been found in Wilms' tumor and lung cancer. This protein may act as a transporter of organic cations, and have a role in the transport of chloroquine and quinidine-related compounds in kidney. Several alternatively spliced transcript variants encoding different isoforms have been described.

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Note: This product is for in vitro research use only