

## SLC16A4 Conjugated Antibody

Catalog No: #C36976



Package Size: #C36976-AF350 100ul #C36976-AF405 100ul #C36976-AF488 100ul  
 #C36976-AF555 100ul #C36976-AF594 100ul #C36976-AF647 100ul  
 #C36976-AF680 100ul #C36976-AF750 100ul #C36976-Biotin 100ul

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## Description

Product Name	SLC16A4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC16A4 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human solute carrier family 16, member 4 (monocarboxylic acid transporter 5)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MCT4, MCT5
Accession No.	Swiss-Prot#:O15374 NCBI Gene ID:9122NCBI mRNA#:NCBI Protein#:NP_001188475
Uniprot	O15374
GeneID	9122;
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	54
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
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

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## Background

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Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate?

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Note: This product is for in vitro research use only