# SLC5A10 Conjugated Antibody

Catalog No: #C43636

Package Size: #C43636-AF350 100ul #C43636-AF405 100ul #C43636-AF488 100ul #C43636-AF555 100ul #C43636-AF594 100ul #C43636-AF647 100ul #C43636-AF680 100ul #C43636-AF750 100ul #C43636-Biotin 100ul

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## Description

| | |
|---|---|
| Product Name | SLC5A10 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total SLC5A10 protein. |
| Immunogen Description | Synthetic peptide of human SLC5A10 |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | SGLT5;SGLT-5 |
| Accession No. | Swiss-Prot#:A0PJK1NCBI Gene ID:125206NCBI Protein#:NP_001035915 |
| Uniprot | A0PJK1 |
| GeneID | 125206; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>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

This gene is a member of the sodium/glucose transporter family. Members of this family are sodium-dependent transporters and can be divided into two subfamilies based on sequence homology, one that co-transports sugars and the second that transports molecules such as ascorbate, choline, iodide, lipoate, monocaroboxylates, and pantothenate. The protein encoded by this gene has the highest affinity for mannose and has been reported to be most highly expressed in the kidney. This protein may function as a kidney-specific, sodium-dependent mannose and fructose co-transporter. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

Note: This product is for in vitro research use only