

## SLC12A6 Conjugated Antibody

Catalog No: #C37030



Package Size: #C37030-AF350 100ul #C37030-AF405 100ul #C37030-AF488 100ul  
 #C37030-AF555 100ul #C37030-AF594 100ul #C37030-AF647 100ul  
 #C37030-AF680 100ul #C37030-AF750 100ul #C37030-Biotin 100ul

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## Description

Product Name	SLC12A6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC12A6 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Solute carrier family 12 (potassium/chloride transporters), member 6
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KCC3, ACCPN, KCC3A, KCC3B
Accession No.	Swiss-Prot#:Q9UHW9NCBI Gene ID:9990NCBI Protein#:NP_598408
Uniprot	Q9UHW9
GeneID	9990;
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 a member of the K-Cl cotransporter (KCC) family. K-Cl cotransporters are integral membrane proteins that lower intracellular chloride concentrations below the electrochemical equilibrium potential. The proteins encoded by this gene are activated by cell swelling induced by hypotonic conditions. Alternate splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are associated with agenesis of the corpus callosum with peripheral neuropathy.

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Note: This product is for in vitro research use only