SLC4A11 Conjugated Antibody

Catalog No: #C35052

Package Size: #C35052-AF350 100ul #C35052-AF405 100ul #C35052-AF488 100ul #C35052-AF555 100ul #C35052-AF594 100ul #C35052-AF647 100ul #C35052-AF680 100ul #C35052-AF750 100ul #C35052-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC4A11 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total SLC4A11 protein.
Immunogen Description	Synthesized peptide derived from internal of human SLC4A11.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BTR1;CDPD;CHED2;NABC1;SLC4A11
Accession No.	Swiss-Prot#:Q8NBS3NCBI Gene ID:83959
Uniprot	Q8NBS3
GeneID	83959;
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	100
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Transporter which plays an important role in sodium-mediated fluid transport in different organs. Prevents severe morphological changes of the cornea caused by increased sodium chloride concentrations in the stroma. In the inner ear, is involved in transport of potassium through the fibrocyte layer to the stria vascularis and is essential for the generation of the endocochlear potential but not for regulation of potassium concentrations in the endolymph. In the kidney, is essential for urinary concentration, mediates a sodium flux into the thin descending limb of Henle loop to allow countercurrent multiplication by osmotic equilibration By similarity. Involved in borate homeostasis. In the absence of borate, it functions as a Na+ and OH-(H+) channel. In the presence of borate functions as an electrogenic Na+ coupled borate cotransporter.

Note: This product is for in vitro research use only