SLC4A7 Conjugated Antibody

Catalog No: #C37029

Package Size: #C37029-AF350 100ul #C37029-AF405 100ul #C37029-AF488 100ul #C37029-AF555 100ul #C37029-AF594 100ul #C37029-AF647 100ul #C37029-AF680 100ul #C37029-AF750 100ul #C37029-Biotin 100ul

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Description

Product Name	SLC4A7 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC4A7 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Solute carrier family 4, sodium bicarbonate cotransporter, member 7
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NBC2, NBC3, SBC2, NBCN1, SLC4A6
Accession No.	Swiss-Prot#:Q9Y6M7 NCBI Gene ID:9497NCBI Protein#:NP_003606
Uniprot	Q9Y6M7
GeneID	9497;
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

This locus encodes a sodium bicarbonate cotransporter. The encoded transmembrane protein appears to transport sodium and bicarbonate ions in a 1:1 ratio, and is thus considered an electroneutral cotransporter. The encoded protein likely plays a critical role in regulation of intracellular pH involved in visual and auditory sensory transmission. Alternatively spliced transcript variants encoding distinct isoforms have been described.

Note: This product is for in vitro research use only