

SLC26A5 Conjugated Antibody

Catalog No: #C37938



Package Size: #C37938-AF350 100ul #C37938-AF405 100ul #C37938-AF488 100ul
 #C37938-AF555 100ul #C37938-AF594 100ul #C37938-AF647 100ul
 #C37938-AF680 100ul #C37938-AF750 100ul #C37938-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC26A5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total SLC26A5 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 26 (anion exchanger), member 5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PRES; DFNB61
Accession No.	Swiss-Prot#:P58743NCBI Gene ID:375611NCBI Protein#:NP_005879/Q00325
Uniprot	P58743
GeneID	375611;
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 gene encodes a member of the SLC26A/SuIP transporter family. The protein functions as a molecular motor in motile outer hair cells (OHCs) of the cochlea, inducing changes in cell length that act to amplify sound levels. The transmembrane protein is an incomplete anion transporter, and does not allow anions to cross the cell membrane but instead undergoes a conformational change in response to changes in intracellular Cl⁻ levels that results in a change in cell length.

Note: This product is for in vitro research use only