SCN4A Conjugated Antibody

Catalog No: #C35054

Package Size: #C35054-AF350 100ul #C35054-AF405 100ul #C35054-AF488 100ul #C35054-AF555 100ul #C35054-AF594 100ul #C35054-AF647 100ul #C35054-AF680 100ul #C35054-AF750 100ul #C35054-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SCN4A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SCN4A protein.
Immunogen Description	Synthesized peptide derived from internal of human SCN4A.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Sodium channel protein type 4 subunit alpha;Sodium channel protein type IV subunit alpha;Voltage-gated sodium channel subunit alpha Nav1.4;Sodium channel protein skeletal muscle subunit alpha;SkM1
Accession No.	Swiss-Prot#:P35499NCBI Gene ID:6329
Uniprot	P35499
GeneID	6329;
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	208
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

This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na+ ions may pass in accordance with their electrochemical gradient. This sodium channel may be present in both denervated and innervated skeletal muscle.

Note: This product is for in vitro research use only