NCSTN Conjugated Antibody

Catalog No: #C32159

Package Size: #C32159-AF350 100ul #C32159-AF405 100ul #C32159-AF488 100ul #C32159-AF555 100ul #C32159-AF594 100ul #C32159-AF647 100ul #C32159-AF680 100ul #C32159-AF750 100ul #C32159-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	NCSTN Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NCSTN protein.
Immunogen Description	Recombinant protein of human NCSTN.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NCSTN;APH2;KIAA0253
Accession No.	Swiss-Prot#:Q92542NCBI Gene ID:23385
Uniprot	Q92542
GeneID	23385;
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	77
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

Antibodies were purified by affinity purification using immunogen.

Background

Nicastrin is a transmembrane glycoprotein serving as an essential component of the γ-secretase complex (1,2). Nicastrin is physically associated with presenilin and plays an important role in the stabilization and correct localization of presenilin to the membrane-bound γ-secretase complex (3). Nicastrin also serves as a docking site for γ-secretase substrates such as APP and Notch, directly binding to them and properly presenting them to γ-secretase to ensure the correct cleavage process (2,4).

Note: This product is for in vitro research use only