KIF13A Conjugated Antibody

Catalog No: #C29471

Package Size: #C29471-AF350 100ul #C29471-AF405 100ul #C29471-AF488 100ul #C29471-AF555 100ul #C29471-AF594 100ul #C29471-AF647 100ul #C29471-AF680 100ul #C29471-AF750 100ul #C29471-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	KIF13A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Hu
Immunogen Description	Recombinant fusion protein of human KIF13A (NP_001099036.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KIF13A; RBKIN; bA500C11.2; kinesin family member 13A
Accession No.	Swiss-Prot#:Q9H1H9NCBI Gene ID:63971
Uniprot	Q9H1H9
GeneID	63971;
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	250kDa
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 kinesin family of microtubule-based motor proteins that function in the positioning of endosomes. This family member can direct mannose-6-phosphate receptor-containing vesicles from the trans-Golgi network to the plasma membrane, and it is necessary for the steady-state distribution of late endosomes/lysosomes. It is also required for the translocation of FYVE-CENT and TTC19 from the centrosome to the midbody during cytokinesis, and it plays a role in melanosome maturation. Alternative splicing of this gene results in multiple transcript variants.

Note: This product is for in vitro research use only