

COP9 signalosome complex subunit 7a Polyclonal Conjugated Antibody



Catalog No: #C42685

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

Package Size: #C42685-AF350 100ul #C42685-AF405 100ul #C42685-AF488 100ul

#C42685-AF555 100ul #C42685-AF594 100ul #C42685-AF647 100ul

#C42685-AF680 100ul #C42685-AF750 100ul #C42685-Biotin 100ul

Description

Product Name	COP9 signalosome complex subunit 7a Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total COP9 signalosome complex subunit 7a polyclonal antibody.
Immunogen Description	Recombinant human COP9 signalosome complex subunit 7a protein (2-275aa)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SGN7a, Signalosome subunit 7a, Dermal papilla-derived protein 10, JAB1-containing signalosome subunit 7a, COPS7A, CSN7A, DERP10
Accession No.	Swiss-Prot#: Q9UBW8
Uniprot	Q9UBW8
GeneID	50813;
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	30
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

Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, JUN, I-kappa-B-alpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively.

Note: This product is for in vitro research use only