

CTNND1 Conjugated Antibody

Catalog No: #C32361



Package Size: #C32361-AF350 100ul #C32361-AF405 100ul #C32361-AF488 100ul
 #C32361-AF555 100ul #C32361-AF594 100ul #C32361-AF647 100ul
 #C32361-AF680 100ul #C32361-AF750 100ul #C32361-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CTNND1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CTNND1 protein.
Immunogen Description	Recombinant protein of human CTNND1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAS;CTNND;KIAA0384;P120CAS;P120CTN
Accession No.	Swiss-Prot#:O60716NCBI Gene ID:1500
Uniprot	O60716
GeneID	1500;
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	105
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

Catenin δ -1 (p120 catenin) has an amino-terminal coiled-coil domain followed by a regulatory domain containing multiple phosphorylation sites and a central Armadillo repeat domain of ten linked 42-amino acid repeats. The carboxy-terminal tail has no known function (1). Catenin δ -1 fulfills critical roles in the regulation of cell-cell adhesion as it regulates E-cadherin turnover at the cell surface to determine the level of E-cadherin available for cell-cell adhesion (2). Catenin δ -1 has both positive and negative effects on cadherin-mediated adhesion (3). Actin dynamics are also regulated by catenin δ -1, which modulates RhoA, Rac, and cdc42 proteins (1). Analogous to β -catenin, catenin δ -1 translocates to the nucleus, although its role at this location is unclear. Many studies show that catenin δ -1 is expressed irregularly or is absent in various types of tumor cells, suggesting that catenin δ -1 may function as a tumor suppressor (4).

Phosphorylation of Tyr904 on Catenin- δ -1 was identified at Cell Signaling Technology (CST) using PhosphoScan[®], a CST's LC-MS/MS platform for phosphorylation site discovery (5).

Note: This product is for in vitro research use only