

CTNNAL1 Conjugated Antibody

Catalog No: #C46548



Package Size: #C46548-AF350 100ul #C46548-AF405 100ul #C46548-AF488 100ul
 #C46548-AF555 100ul #C46548-AF594 100ul #C46548-AF647 100ul
 #C46548-AF680 100ul #C46548-AF750 100ul #C46548-Biotin 100ul

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

Description

| | |
|-----------------------|--|
| Product Name | CTNNAL1 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total CTNNAL1 protein. |
| Immunogen Description | Synthetic protein corresponding to residues near the C terminal of human CTNNAL1 |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | ACRP; CLLP; alpha-CATU |
| Accession No. | Swiss-Prot#:Q9UBT7NCBI Gene ID:8727NCBI mRNA#:NCBI Protein#:BC117208 |
| Uniprot | Q9UBT7 |
| GeneID | 8727; |
| 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 | 82 |
| 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

CTNNAL1 (catenin (cadherin-associated protein), alpha-like 1), also known as CLLP or alpha-CATU, is a 734 amino acid cytoplasmic peripheral membrane protein belonging to the vinculin/alpha-catenin family. Expressed at high levels in adrenal gland and present at lower levels in neural tissues, CTNNAL1 may be involved in the regulation of Rho pathway signaling by providing a scaffold for the Lbc Rho guanine nucleotide exchange factor 1 (RhoGEF p115). It is suggested that CTNNAL1 is down-regulated in pancreatic carcinoma undergoing differentiation and apoptosis. Existing as three isoforms produced by alternative splicing events, CTNNAL1 may contribute to the wound repair and proliferation of human bronchial epithelial cells (HBEC).

Note: This product is for in vitro research use only