

## N-Cadherin(CD325) Conjugated Antibody

Catalog No: #C21474



Package Size: #C21474-AF350 100ul #C21474-AF405 100ul #C21474-AF488 100ul

#C21474-AF555 100ul #C21474-AF594 100ul #C21474-AF647 100ul

#C21474-AF680 100ul #C21474-AF750 100ul #C21474-Biotin 100ul

Orders: order@signalwayantibody.com

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | N-Cadherin(CD325) Conjugated Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Species Reactivity    | Hu Ms Rt   |
| Specificity           | The antibody detects endogenous level of total N-Cadherin protein.   |
| Immunogen Description | Peptide sequence around aa.800~804(A-I-K-P-V) derived from Human N-Cadherin.   |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | CDH2;CDCN;NCAD   |
| Accession No.         | Swiss-Prot#:P19022NCBI Gene ID:1000NCBI mRNA#:NM_001792.3 NCBI Protein#:NP_001783.2  |
| Uniprot               | P19022   |
| GeneID                | 1000;  |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 140  |
| 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

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Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

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Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density

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Note: This product is for in vitro research use only