

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-N-cadherin



Numéro de catalogue: **CL594-22018**

Phare

## Informations de base

<b>Numéro de catalogue:</b> CL594-22018	<b>Numéro d'acquisition GenBank:</b> BC036470	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 100ul, Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 1000	<b>Dilutions recommandées:</b> IF 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> cadherin 2, type 1, N-cadherin (neuronal)	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG	<b>MW calculé:</b> 906 aa, 100 kDa	
<b>Immunogen Catalog Number:</b> AG16792	<b>MW observés:</b> 130 kDa	

## Applications

<b>Applications testées:</b> IF	<b>Contrôles positifs:</b> IF : tissu cardiaque de souris,
<b>Spécificité de l'espèce:</b> Humain, rat, souris	

## Informations générales

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. N-cadherin (neural cadherin), also known as CDH2 (cadherin 2), is a 130-kDa transmembrane glycoprotein and a classical member of the cadherin superfamily which also include E-, P-, R-, and B-cadherins. Expression of N-cadherin has been reported on various cell types including neurons, endothelial cells and cardiac myocytes (PMID: 11282032; 9508779; 8125202). N-cadherin has functions in early brain morphogenesis, synaptogenesis and synaptic plasticity (PMID: 23321619).

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

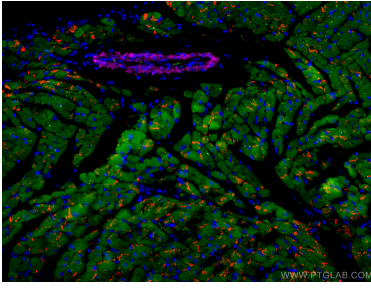
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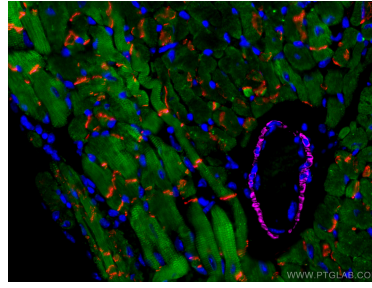
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## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using CoraLite® 594 N-cadherin antibody (CL594-22018) at dilution of 1:200, CoraLite® Plus 488 Cardiac Troponin I antibody (CL488-66376, Clone: 1D5D6, green), CoraLite® Plus 647 smooth muscle actin specific antibody (CL647-67735, Clone: 1E9A11, magenta).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using CoraLite® 594 N-cadherin antibody (CL594-22018) at dilution of 1:200, CoraLite® Plus 488 Cardiac Troponin I antibody (CL488-66376, Clone: 1D5D6, green), CoraLite® Plus 647 smooth muscle actin specific antibody (CL647-67735, Clone: 1E9A11, magenta).