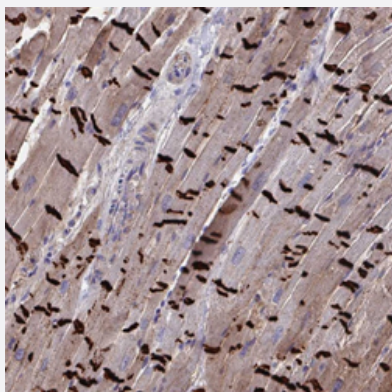


CDH2 polyclonal antibody

Catalog # PAB29571 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human heart muscle with CDH2 polyclonal antibody (Cat # PAB29571) shows distinct positivity in intercalated disc at 1:20 - 1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human CDH2.
Immunogen	Recombinant protein corresponding to amino acids of human CDH2.
Sequence	NSNDGLVTVVKPIDFETNRMFVLTVAAENQVPLAKGIQHPPQSTATVSVTVIDVNENPYFAPNPKII RQEEGLHAGTMLTTFTAQDP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human heart muscle with CDH2 polyclonal antibody (Cat # PAB29571) shows distinct positivity in intercalated disc at 1:20 - 1:50 dilution.

Gene Info — CDH2

Entrez GeneID[1000](#)**Gene Name**

CDH2

Gene Alias

CD325, CDHN, CDw325, NCAD

Gene Description

cadherin 2, type 1, N-cadherin (neuronal)

Omim ID[114020](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a trans membrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product. [provided by RefSeq]

Other Designations

N-cadherin 1|cadherin 2, N-cadherin (neuronal)|cadherin 2, type 1|calcium-dependent adhesion protein, neuronal|neural cadherin

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)