

MaxPab®

CDH2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001000-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDH2 protein.
Immunogen	CDH2 (ACE87575.1, 1 a.a. ~ 906 a.a) full-length human protein.
Sequence	MCRIAGALRTLPLLAALLQASVEASGEIALCKTGFPEDVYSAVLSKDVHEGQPLLNVKFSNCNG KRKVQYESSEPADFKVDEDGMVYAVRSFPLSSEHAKFLIYAQDKETQEKWQVAVKLSLKPTLTE ESVKESAEVEEIVFPRQFSKHSGLQRQKRQDWWISPINLPENSRGPFQELVRISSDRDKNLSLRY SVTGPGADQPPTGIFIINPISGQLSVTKPLDREQIARFHLRAHAVDINGNQVENPIDVINVIDMNDNR PEFLHQVWNGTVPEGSKPGTYVMTVTAIDADDPNALNGMLRYRVSQAPSTPSPNMFTINNETGDII TVAAGLDREKVQQYTLIIQATDMEGNPTYGLSNTATAVITVTDVNDNPPEFTAMTFYGEVPENRVDII VANLTVTDKQDQHTPAWNAVYRISGGDPTGRFAIQTDQNSNDGLVTVVKPIDFEANRMFVLTVAA ENQVPLAKGIQHPPQSTATMSVTVIDVNENPYFAPNPKIIRQEEGLHAGTMLTTFTAQDPDRYMQQ NIRYTKLSDPANWLKIDPVNGQITIAVLDRSPNVKNNYNATFLASDNGIPMSGTGTLQMYLLDIND NAPQVLPQEAETCETPDPNNSINITALDYGIDPNAGPFAFDLPLSPVTIKRNWTITRLNGDFAQLNLKI KFLEAGIYEVPIITDSGNPPKSNISILRVKVCQCDSNGDCTDVDRIVGAGLGTGAIIALLCIIILLILVLM FVWWMKRRDKERQAKQLLIDPEDDVRDNLKYDEEGGGEEDQDYDLSQLQQPDVEPDAIKPVG IRRMDERPIHAEPQYPVRSAAHPGDIGDFINEGLKAADNDPTAPPYDSSLVFDYEGSGSTAGSLS SLNSSSSSGGEQDYDLNDWGPRFKKLADMYGGGDD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — CDH2

Entrez GeneID [1000](#)

GeneBank Accession# [EU832318.1](#)

Protein Accession# [ACE87575.1](#)

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](#)