

CDH13 polyclonal antibody

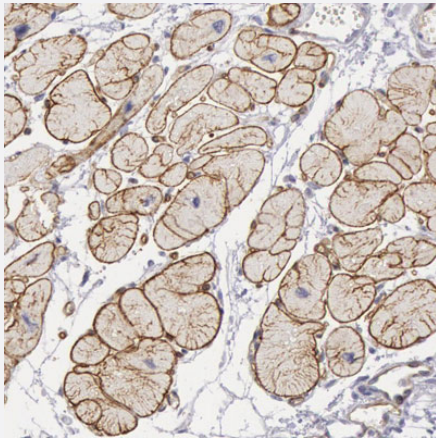
Catalog # PAB30218 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with CDH13 polyclonal antibody (Cat # PAB30218).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human heart muscle shows membranous positivity in myocytes with CDH13 polyclonal antibody (Cat # PAB30218).

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CDH13.
Immunogen	Recombinant protein corresponding to amino acids 567 - 711 of human CDH13.
Sequence	GTGTLITLEDVNDNAPFYPTVAEVCDDAKNLSVVILGASDKDLHPNTDPFKFEIHKQAVPDKVV KISKINNTALVSLLQNLNKANYNLPIMVTDSGKPPMTNITDLRVQVCSCRNSKVDCNAAGALRFSL PSVLLLSLFLSLA
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50 - 1:200) Western Blot (1:100 - 1:250) 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.

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Gene Info — CDH13

Entrez GeneID	1012
Protein Accession#	P55290
Gene Name	CDH13
Gene Alias	CDHH
Gene Description	cadherin 13, H-cadherin (heart)
Omim ID	601364
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region but, unlike the typical cadherin superfamily member, lacks the highly conserved cytoplasmic region. This particular cadherin is a putative mediator of cell-cell interaction in the heart and may act as a negative regulator of neural cell growth. The gene locus is hypermethylated or deleted in breast, ovarian and lung cancers. Two major mRNA transcripts encoding identical proteins are found, products of alternative polyadenylation sites. [provided by RefSeq]

Other Designations

H-cadherin|P105|T-cad|T-cadherin|cadherin 13|heart-cadherin|truncated-cadherin

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