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Datasheet

CDH13 polyclonal antibody

Catalog Number: PAB3081

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of CDH13.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human CDH13.

Host: Rabbit

Reactivity: Human

Applications: Flow Cyt, IHC-P, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Recommend Usage: Western Blot (1:1000)
Immunohistochemistry (1:10-50)
Flow cytometry (1:10-50)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

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

Entrez GeneID: 1012

Gene Symbol: CDH13

Gene Alias: CDHH

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]

References:

1. Identification of a panel of sensitive and specific DNA methylation markers for lung adenocarcinoma. Tsou JA, Galler JS, Siegmund KD, Laird PW, Turla S, Cozen W, Hagen JA, Koss MN, Laird-Offringa IA. Mol Cancer. 2007 Oct 29;6:70.
2. Tumor-specific downregulation and methylation of the CDH13 (H-cadherin) and CDH1 (E-cadherin) genes correlate with aggressiveness of human pituitary adenomas. Qian ZR, Sano T, Yoshimoto K, Asa SL, Yamada S, Mizusawa N, Kudo E. Mod Pathol. 2007 Dec;20(12):1269-77. Epub 2007 Sep 14.