Rabbit H Cadherin (CDH13) Polyclonal Antibody | anti-CDH13 antibody

H Cadherin (CDH13) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284824	**Rabbit**	**Human (Predicted Reactivity: Mouse, Chicken)**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

H Cadherin (CDH13); Polyclonal Antibody; H Cadherin (CDH13) Antibody (C-term); Cadherin-13; Heart cadherin; H-cadherin; P105; Truncated cadherin; T-cad; T-cadherin; CDH13; CDHH; anti-CDH13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This H Cadherin (CDH13) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 589-617 amino acids from the C-terminal region of human H Cadherin (CDH13).
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	589-617
Sequence Length	674
Applicable Applications for anti-CDH13 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MCF-7 cells using H Cadherin (CDH13) Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with CDH13 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

WB (Western Blot)
Western blot analysis of lysate from human brain tissue lysate, using CDH13 Antibody (C-term). AAA284824 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH13 antibody	CDH13 is a member of the cadherin superfamily. This 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.
Product Categories/Family for anti-CDH13 antibody	Cancer; Signal Transduction
References	Qian,Z.R., Mod. Pathol. 20 (12), 1269-1277 (2007) Tsou,J.A., Mol. Cancer 6, 70 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	333944022
NCBI GeneID	1012
NCBI Accession #	NP_001207420.1; NP_001207421.1; NP_001248.1
NCBI GenBank Nucleotide #	NM_001220491.1
UniProt Accession #	P55290; Q6GTW4; Q8TBX3; A8W476; A8W477; B7Z590; C9JRI6; J3KN62
Molecular Weight	78287
NCBI Official Full Name	cadherin-13 isoform 5
NCBI Official Synonym Full Names	cadherin 13
NCBI Official Symbol	CDH13
NCBI Official Synonym Symbols	CDHH; P105
NCBI Protein Information	cadherin-13
UniProt Protein Name	Cadherin-13
UniProt Gene Name	**CDH13**
UniProt Synonym Gene Names	CDHH; H-cadherin; T-cad; T-cadherin
UniProt Entry Name	CAD13_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/h-cadherin-cdh13-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284824