

Rabbit anti-Human K Cadherin (CDH6) Polyclonal Antibody | anti-CDH6 antibody

K Cadherin (CDH6) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285119	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

K Cadherin (CDH6); Polyclonal Antibody; K Cadherin (CDH6) Antibody (C-term); Cadherin-6; Kidney cadherin; K-cadherin; CDH6; anti-CDH6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This K Cadherin (CDH6) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 665-695 amino acids from the C-terminal region of human K Cadherin (CDH6).
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: 0.48 (varies by lot)
Sequence Positions	665-695
Sequence Length	663
Applicable Applications for anti-CDH6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
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 NCI-H292 cells using CDH6 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 (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CDH6 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 anti-DH6 Antibody (C-term) (RB14082) in 293 cell line lysates (35ug/lane). DH6(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH6 antibody	CDH6 is a type II classical cadherin from the cadherin superfamily. It is a calcium dependent cell-cell adhesion membrane glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Cadherins mediate cell-cell binding in a homophilic manner, contributing to the sorting of heterogeneous cell types and the maintenance of orderly structures such as epithelium. Strong transcriptional expression of the CDH6 gene has been observed in hepatocellular and renal carcinoma cell lines, suggesting a possible role in metastasis and invasion.
Product Categories/Family for anti-CDH6 antibody	Cancer; Signal Transduction
References	Liu,T., J. Proteome Res. 4 (6), 2070-2080 (2005) Shimoyama,Y., Biochem. J. 349 (PT 1), 159-167 (2000) Shimoyama,Y., J. Biol. Chem. 274 (17), 11987-11994 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826673
NCBI GeneID	1004
NCBI Accession #	NP_004923.1
NCBI GenBank Nucleotide #	NM_004932.3
UniProt Accession #	P55285; Q9BWS0; A8K5H5
Molecular Weight	88309
NCBI Official Full Name	cadherin-6 preproprotein
NCBI Official Synonym Full Names	cadherin 6, type 2, K-cadherin (fetal kidney)
NCBI Official Symbol	CDH6
NCBI Official Synonym Symbols	CAD6; KCAD
NCBI Protein Information	cadherin-6
UniProt Protein Name	Cadherin-6
UniProt Gene Name	CDH6
UniProt Synonym Gene Names	K-cadherin
UniProt Entry Name	CADH6_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.