

Rabbit anti-Human PCDH20 Polyclonal Antibody | anti-PCDH20 antibody

PCDH20 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286428	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

PCDH20; Polyclonal Antibody; PCDH20 Antibody (Center); Protocadherin-20; Protocadherin-13; PCDH13; anti-PCDH20 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PCDH20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 445-472 amino acids from the Central region of human PCDH20.
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	445-472
Sequence Length	951
Applicable Applications for anti-PCDH20 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
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)

PCDH20 Antibody (Center) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



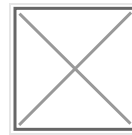
IF (Immunofluorescence)

Confocal immunofluorescent analysis of PCDH20 Antibody (Center) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

PCDH20 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PCDH20 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PCDH20 Antibody (Center) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the PCDH20 antibody detected the PCDH20 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PCDH20 antibody	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Although its specific function is undetermined, the cadherin-related neuronal receptor is thought to play a role in the establishment and function of specific cell-cell connections in the brain.
Product Categories/Family for anti-PCDH20 antibody	Neuroscience; Signal Transduction
References	Suzuki, S.T. Exp. Cell Res. 261(1):13-18(2000) Nollet, F., et al. J. Mol. Biol. 299(3):551-572(2000) Yagi, T., et al. Genes Dev. 14(10):1169-1180(2000) Wu, Q., et al. Proc. Natl. Acad. Sci. U.S.A. 97(7):3124-3129(2000) Cross, S.H., et al. Nat. Genet. 6(3):236-244(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	190194360
NCBI GeneID	64881
NCBI Accession #	NP_073754.2
NCBI GenBank Nucleotide #	NM_022843.3
UniProt Accession #	Q8N6Y1; Q8NDN4; Q9NRT9; A8K1K9; B1AQU2
Molecular Weight	104919
NCBI Official Full Name	protocadherin-20
NCBI Official Synonym Full Names	protocadherin 20
NCBI Official Symbol	PCDH20
NCBI Official Synonym Symbols	PCDH13
NCBI Protein Information	protocadherin-20
UniProt Protein Name	Protocadherin-20
UniProt Gene Name	PCDH20
UniProt Synonym Gene Names	PCDH13
UniProt Entry Name	PCD20_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.

