

Rabbit anti-Human PCDHAC2 Polyclonal Antibody | anti-PCDHAC2 antibody

Anti-PCDHAC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265423	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PCDHAC2; Polyclonal Antibody; Anti-PCDHAC2 Antibody; anti-PCDHAC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PCDHAC2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-PCDHAC2 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human PCDHAC2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



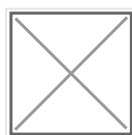
IF (Immunofluorescence)

Immunofluorescent analysis of Anti-PCDHAC2 staining in NCIH460 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF555 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of PCDHAC2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PCDHAC2 expression in NCIH460 (A) whole cell lysates. (Predicted band size: 109 kD; Observed band size: 120 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-PCDHAC2 antibody	Rabbit polyclonal antibody to PCDHAC2
Product Categories/Family for anti-PCDHAC2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	9256600
NCBI GeneID	56134
NCBI Accession #	NP_061722
NCBI GenBank Nucleotide #	NM_018899
UniProt Accession #	Q9Y5I4 ; Q2M3V1 ; Q9Y5F4
Molecular Weight	96,197 Da
NCBI Official Full Name	protocadherin alpha-C2 isoform 1
NCBI Official Synonym Full Names	protocadherin alpha subfamily C, 2
NCBI Official Symbol	PCDHAC2
NCBI Official Synonym Symbols	PCDH-ALPHA-C2
NCBI Protein Information	protocadherin alpha-C2
UniProt Protein Name	Protocadherin alpha-C2
UniProt Gene Name	PCDHAC2
UniProt Synonym Gene Names	PCDH-alpha-C2
UniProt Entry Name	PCDC2_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/pcdhac2-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/265423>