

Datasheet for ABIN655602

anti-PCDH20 antibody (AA 445-472)[Go to Product page](#)**5** Images

Overview

Quantity:	400 µL
Target:	PCDH20
Binding Specificity:	AA 445-472
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH20 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB31527
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCDH20
Alternative Name:	PCDH20 (PCDH20 Products)

Target Details

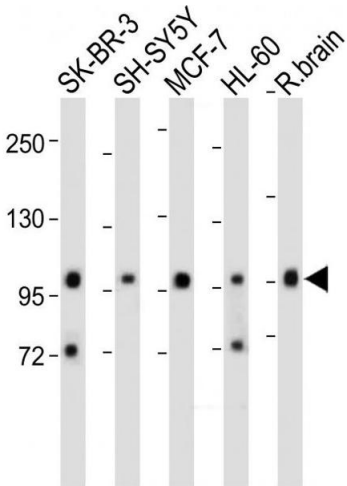
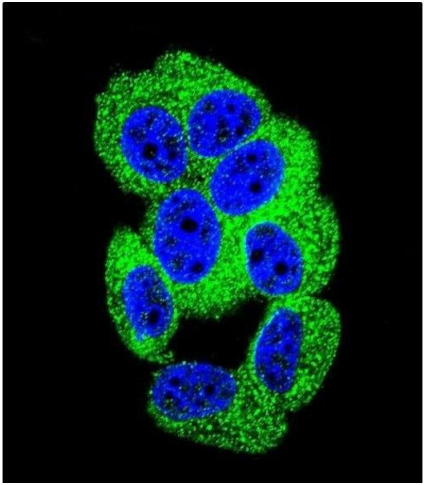
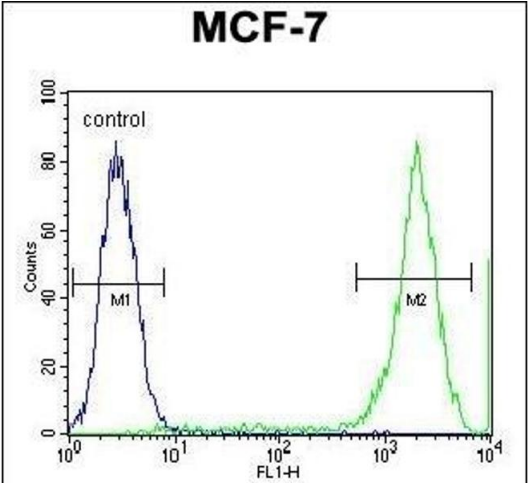
Background:	<p>This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily.</p> <p>This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins.</p> <p>Although 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.</p>
Molecular Weight:	104919
Gene ID:	64881
NCBI Accession:	NP_073754
UniProt:	Q8N6Y1

Application Details

Application Notes:	IF: 1:10~50. WB: 1:2000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. PCDH20 Antibody (Center) (ABIN655602 and ABIN2845086) 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.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of PCDH20 Antibody (Center) (ABIN655602 and ABIN2845086) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. All lanes : Anti-PCDH20 Antibody (Center) at 1:2000 dilution Lane 1: SK-BR-3 whole cell lysate Lane 2: SH-SY5Y whole cell lysate Lane 3: MCF-7 whole cell lysate Lane 4: HL-60 whole cell lysate Lane 5: Rat brain whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 105 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN655602.