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Datasheet for ABIN7269731

## anti-Protocadherin 8 antibody (AA 450-750)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Protocadherin 8 (PCDH8)
Binding Specificity:	AA 450-750
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Protocadherin 8 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Purpose:	PCDH8 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 450-750 of human PCDH8 (NP_002581.2).
Sequence:	VTAASLDREER IAEYNLTLVA EDRGAPPLRT VRPYTVRVGD ENDNAPLFTR PVYEVSVREN NPPGAYLATV AARDRDLGRN GQVTYRLLEA EVGRAGGAVS TYVSVDPATG AIYALRSFDY ETLRQLDVRI QASDGGSPQL SSSALVQVRV LDQNDHAPVL VHPAPANGSL EVAVPGRTAK DTVVARVQAR DADEGANGEL AFELQQQEPR EFAFAIGRRRTG EILLTGDLISQ EPPGRVFRAL LVISDGGRRPP LTTTATVSFV VTAGGGRGPA APASAGSPER SRPPGSRLGV SGSVLQWDTP L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: Protocadherin 8 (PCDH8)

Alternative Name: PCDH8 ([PCDH8 Products](#))

Background: This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes an integral membrane protein that is thought to function in cell adhesion in a CNS-specific manner. Unlike classical cadherins, which are generally encoded by 15-17 exons, this gene includes only 3 exons. Notable is the large first exon encoding the extracellular region, including 6 cadherin domains and a transmembrane region. Alternative splicing yields isoforms with unique cytoplasmic tails. PCDH8, ARCADLIN, PAPC, Signal Transduction, Cell Biology & Developmental Biology, Cell Adhesion, Cadherins, Cytoskeleton, Neuroscience, PCDH8

Molecular Weight: 103kDa/113kDa

Gene ID: 5100

UniProt: [O95206](#)

## Application Details

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Application Notes: WB, 1:500 - 1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

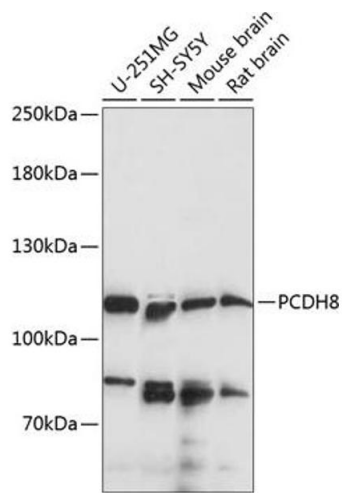
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using PCDH8 antibody (ABIN7269731) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.