

**PCDH8 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54382**

**Specification**

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**PCDH8 Polyclonal Antibody - Product Information**

Application	FC, WB
Primary Accession	<a href="#">O95206</a>
Reactivity	Rat, Pig, Chimpanzee, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113019

**PCDH8 Polyclonal Antibody - Additional Information**

**Gene ID** 5100

**Other Names**

Protocadherin-8, Arcadlin, PCDH8

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PCDH8 Polyclonal Antibody - Protein Information**

**Name** PCDH8

**Function**

Calcium-dependent cell-adhesion protein (By similarity). May play a role in activity-induced synaptic reorganization underlying long term memory (By similarity). Could be involved in CDH2 internalization through TAOK2/p38 MAPK pathway. In hippocampal neurons, may play a role in the down-regulation of dendritic spines, maybe through its action on CDH2 endocytosis (By similarity).

**Cellular Location**

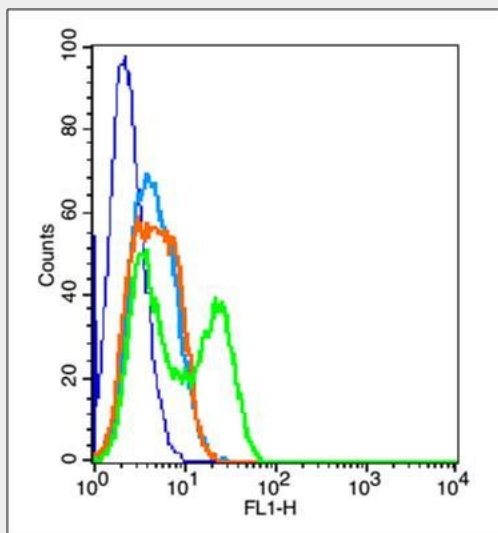
Cell membrane; Single-pass type I membrane protein. Cell projection, dendrite. Presynaptic cell membrane. Postsynaptic cell membrane Note=Also expressed in neuronal cell bodies. Localized to excitatory, but not with inhibitory, synapses.

**PCDH8 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## PCDH8 Polyclonal Antibody - Images

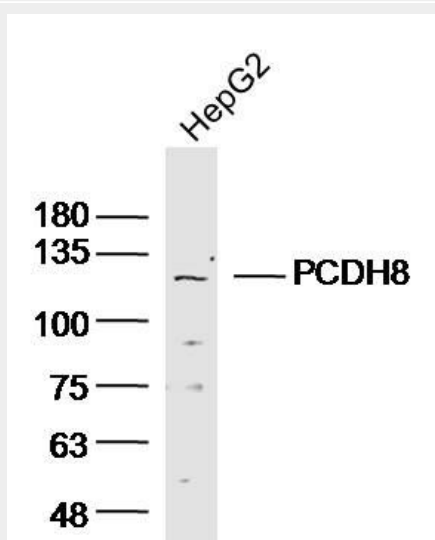


Blank control (blue line): U 2OS (fixed with 2% paraformaldehyde (10 min)).

Primary Antibody (green line): Rabbit Anti-PCDH8 antibody (bs-11114R), Dilution: 1  $\mu$ g /10<sup>6</sup> cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, Dilution: 1  $\mu$ g /test.



Sample: HepG2 (Human) cell Lysate at 40  $\mu$ g

Primary: Anti-PCDH8(bs-11114R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 110kD  
Observed band size: 110kD