**PCDH8, Protocadherin 8 polyclonal antibody**

Protocadherin 8 (PCDH8) belongs to the protocadherins, a subfamily of the cadherins. PCDH8 is 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, the PCDH8 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 of the PCDH8 gene yields two protein isoforms (1 and 2) with unique cytoplasmic tails. Both isoforms are seen by this antibody.

**Buffers**

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

**Immunogen**

KLH conjugated synthetic peptide comprised of amino acids 883 - 899 [PGFGKEPAPPVAVWKGH] of the human protocadherin 8 (PCDH8) protein.

**Application:**

Tested by peptide-specific ELISA (1:1,000).

**Storage:**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

**References:**