
PCDH18 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254041

Unit: 0.1 mg

Description:

Protocadherins comprise the largest group within the cadherin family of calcium-dependent cell-cell adhesion molecules. Protocadherin 18 (PCDH18) was initially identified through screening of human and mouse ESTs using conserved cytoplasmic domain motifs. Tissue screening revealed PCDH18 broad expression in tissues such as brain, liver, heart, kidney, lung, and trachea. PCDH18 expression is also temporally and spatially regulated in the mouse embryonic brain and interacts with Disabled-1, an intracellular adapter protein involved in neuronal migration and cell positioning during mammalian brain development. PCDH18 was also found to be expressed in the developing zebrafish neural tube and central nervous system, lending support to the hypothesis that PCDH18 may play a role during brain development. At least three isoforms of PCDH18 are known to exist. This antibody is predicted to not cross-react with PCDH12.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: PCDH18; Protocadherin 18

Accession No.: NP_061908

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human PCDH18.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.