



Anti-PCDH11Y (internal region) polyclonal antibody (DPAB-DC3408)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|----------------------------|--|
| Antigen Description | This gene belongs to the protocadherin family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing seven cadherin repeats, a transmembrane domain, and a cytoplasmic tail that differs from those of the classical cadherins. This gene is located on the Y chromosome in a block of X/Y homology and is very closely related to its paralog on the X chromosome. The protein is thought to play a role in cell-cell recognition during development of the central nervous system. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Immunogen | A synthetic peptide corresponding to amino acids at internal region of human PCDH11Y. The sequence is C-KYNWVTTPTTFK |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen affinity purification |
| Conjugate | Unconjugated |
| Applications | ELISA, |
| Format | Liquid |
| Concentration | 0.5 mg/mL |
| Size | 100 µg |
| Buffer | In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA) |
| Preservative | 0.02% Sodium Azide |

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

| | |
|----------------------------|---|
| Gene Name | PCDH11Y protocadherin 11 Y-linked [Homo sapiens (human)] |
| Official Symbol | PCDH11Y |
| Synonyms | PCDH11Y; protocadherin 11 Y-linked; PCDHX; PCDHY; PCDH22; PCDH-PC; protocadherin-11 Y-linked; protocadherin 22; protocadherin-PC; protocadherin prostate cancer; protocadherin on the Y chromosome; |
| Entrez Gene ID | 83259 |
| Protein Refseq | NP_001265548 |
| UniProt ID | Q9BZA8 |
| Chromosome Location | Yp11.2 |
| Function | calcium ion binding; |