



## Human PCDH12 blocking peptide (CDBP2216)

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

### PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Product Overview</b>    | Blocking peptide for anti-PCDH12 antibody   |
| <b>Antigen Description</b> | This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing 6 cadherin repeats, a transmembrane domain and a cytoplasmic tail that differs from those of the classical cadherins. The gene localizes to the region on chromosome 5 where the protocadherin gene clusters reside. The exon organization of this transcript is similar to that of the gene cluster transcripts, notably the first large exon, but no significant sequence homology exists. The function of this cellular adhesion protein is undetermined but mouse protocadherin 12 does not bind catenins and appears to have no affect on cell migration or growth. [provided by RefSeq, Jul 2008] |
| <b>Species</b>             | Human   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | BL  |
| <b>Format</b>              | Liquid  |
| <b>Concentration</b>       | 200 µg/ml   |
| <b>Size</b>                | 50 µg   |
| <b>Buffer</b>              | PBS containing 0.02% sodium azide   |
| <b>Preservative</b>        | 0.02% Sodium Azide  |
| <b>Storage</b>             | Store at -20°C, stable for one year.  |

### GENE INFORMATION

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|----------------------------|---|
| <b>Gene Name</b>           | <a href="#">PCDH12 protocadherin 12 [ Homo sapiens ]</a>  |
| <b>Official Symbol</b>     | PCDH12  |
| <b>Synonyms</b>            | PCDH12; protocadherin 12; protocadherin-12; VE cadherin 2; VE-cad-2; VE-cadherin 2; vascular cadherin-2; vascular endothelial cadherin 2; vascular endothelial cadherin-2; VECAD2; VE-cadherin-2; |
| <b>Entrez Gene ID</b>      | <a href="#">51294</a>   |
| <b>mRNA Refseq</b>         | <a href="#">NM_016580</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_057664</a>   |
| <b>UniProt ID</b>          | Q9NPG4  |
| <b>Chromosome Location</b> | 5q31.3  |
| <b>Function</b>            | calcium ion binding;  |

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