
Product Information

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| Product SKU: | CAB8501 | Gene ID: | 56137 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

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| Observed MW: | 102kDa | Conjugate: | Unconjugated |
| Calculated MW: | 102kDa | Isotype: | IgG |

Immunogen Information

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| Background: | This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons, which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined. |
| Recommended Dilution: | WB,1:500 - 1:2000 |
| Synonyms: | PCDH-ALPHA12; PCDHA12 |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 713-792 of human PCDHA12 (NP_114070.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |