



## PCDC1 rabbit pAb

| 6 cadherin domains.,BackgroundThis gene is a member of the protocadherin alpha gene cluster, one of three<br>related gene clusters tandemly linked on chromosome five that demonstrate an<br>unusual genomic organization similar to that of B-cell and T-cell receptor gene<br>clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes<br>related to the mouse CNR genes and consists of 13 highly similar and 2 more<br>distantly related coding sequences. The tandem array of 15 N-terminal exons, or  |                    |  |
|--|--------------------|--|
| ReactivityHuman;Rat;Mouse;ApplicationsWBGene NamePCDHAC1Protein NamePCDC1ImmunogenSynthesized peptide derived from human PCDC1 AA range: 350-400SpecificityThis antibody detects endogenous levels of PCDC1 at HumanFormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.267% sodium azide.SourcePolyclonal, Rabbit, IgGPurificationThe antibody was affinity-purified from rabbit serum by affinity-chromatography<br>uising specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsProtocadherin alpha-C1 (PCDH-alpha-C1)Observed Band105kDCell membrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Placenta,Functionalternative products:Additional isoforms seem to exist, function:Potential<br>calcium-dependent cell-adhesion protein . May be involved in the establishment<br>ad cadherin domains.,BackgroundThis gene is a member of the protocadherin alpha gene cluster; one of thre<br>erelated gene clusters and envise of 15 cadherin superfamily genes<br>related to the mouse CNR genes and consists of 15 cadherin alpha from superfamily genes<br>related to the mouse CNR genes and consists of 15 cadherin auperfamily genes<br>related to the mouse CNR genes and consists of 15 cadherin auperfamily genes<br>related to the mouse CNR genes and consists of 15 cadherin auperfamily genes<br>related to the mouse CNR genes and consists of 15 cadherin auperfamily genes<br>related to the mouse CNR genes and consists of 15 cadherin auperfamily genes<br>related to the mouse  | Catalog No         | BYab-08152   |
| ApplicationsWBGene NamePCDHAC1Protein NamePCDC1ImmunogenSynthesized peptide derived from human PCDC1 AA range: 350-400SpecificityThis antibody detects endogenous levels of PCDC1 at HumanFormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.267% sodium azide.SourcePolyclonal, Rabbit, IgGPurificationThe antibody was affinity-purified from rabbit serum by affinity-chromatography<br>using specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsProtocadherin alpha-C1 (PCDH-alpha-C1)Observed Band105kDCell membrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Placenta,Functionalternative products: Additional isoforms seem to exist, function:Potential<br>calcium-dependent cell-adhesion protein. May be involved in the establishment<br>and maintenance of specific neuronal connections in the brain, similarity.Contai<br>6 cadherin domains.,BackgroundThis gene is a member of the protocadherin alpha gene cluster, one of three<br>related gene clusters trademly linked on chromosome five that demonstrate an<br>unusual genomic organization similar to that of B-cell and T-cell receptor gene<br>clusters. The alpha gene cluster, The and T-cell receptor gene<br>related to the mouse CNR genes and consists of 15 cadherin superfamily genes<br>related to the mouse CNR genes and consists of 15 cadherin ary of 15 N-terminal exons, or  | Isotype            | lgG  |
| Gene Name         PCDHAC1           Protein Name         PCDC1           Immunogen         Synthesized peptide derived from human PCDC1 AA range: 350-400           Specificity         This antibody detects endogenous levels of PCDC1 at Human           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.267% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Protocadherin alpha-C1 (PCDH-alpha-C1)           Observed Band         105kD           Cell Pathway         Cell membrane ; Single-pass type I membrane protein .           Tissue Specificity         Brain,Placenta,           Function         alternative products:Additional isoforms seem to exist function:Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain, similarity:Contail 6 cadherin domains.,           Background         This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters trademly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and   | Reactivity         | Human;Rat;Mouse;   |
| Protein NamePCDC1ImmunogenSynthesized peptide derived from human PCDC1 AA range: 350-400SpecificityThis antibody detects endogenous levels of PCDC1 at HumanFormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.267% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit serum by affinity-chromatography<br>using specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsProtocadherin alpha-C1 (PCDH-alpha-C1)Observed Band105kDCell membrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Placenta,Functionalternative products:Additional isoforms seem to exist, function:Potential<br>acloium-dependent cell-adhesion protein. May be involved in the establishment<br>and maitenance of specific neuronal connections in the brain, similarity:Contail<br>6 cadherin alpha gene cluster, one of three<br>related dgene clusters tandemity linked on chromosome five that demonstrate an<br>unusual genomic organization similar to that of B-cell and T-cell receptor gene<br>clusters tandemity linked on chromosome five that demonstrate an<br>unusual gene cluster is composed of 15 cadherin superiarily genes<br>eralated to the mouse CNR genes and consists of 13 highly similar and 2 more<br>distantly related coding sequences. The tathme array of 15 cadherin superiarily genes<br>eralated to the mouse CNR genes and consists of 13 highly similar and 2 more   | Applications       | WB   |
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| Specificity       This antibody detects endogenous levels of PCDC1 at Human         Formulation       Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.267% sodium azide.         Source       Polyclonal, Rabbit,IgG         Purification       The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.         Dilution       WB 1:500-2000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Protocadherin alpha-C1 (PCDH-alpha-C1)         Observed Band       105kD         Cell membrane ; Single-pass type I membrane protein .         Tissue Specificity       Brain,Placenta,         Function       alternative products:Additional isoforms seem to exist function:Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.,similarity:Contail 6 cadherin domains.,         Background       This gene is a member of the protocadherin alpha gene cluster, one of three related gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distary of 5 N-terminal exons, or distary of 5 N-terminal exons  | Protein Name       | PCDC1  |
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| Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Protocadherin alpha-C1 (PCDH-alpha-C1)           Observed Band         105kD           Cell Pathway         Cell membrane ; Single-pass type I membrane protein .           Tissue Specificity         Brain,Placenta,           Function         alternative products:Additional isoforms seem to exist,function:Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.,similarity:Contail 6 cadherin domains.           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 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more of shighly similar and 2 more of 15 N-terminal exons, or 13 highly similar and 2 more of shighly similar   | Specificity        | This antibody detects endogenous levels of PCDC1 at Human  |
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| Tissue SpecificityBrain,Placenta,Functionalternative products:Additional isoforms seem to exist,function:Potential<br>calcium-dependent cell-adhesion protein. May be involved in the establishment<br>and maintenance of specific neuronal connections in the brain.,similarity:Contain<br>6 cadherin domains.,BackgroundThis gene is a member of the protocadherin alpha gene cluster, one of three<br>related gene clusters tandemly linked on chromosome five that demonstrate an<br>unusual genomic organization similar to that of B-cell and T-cell receptor gene<br>clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes<br>related to the mouse CNR genes and consists of 13 highly similar and 2 more<br>distantly related coding sequences. The tandem array of 15 N-terminal exons, or  | Observed Band      | 105kD  |
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|  | Background         | 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 |

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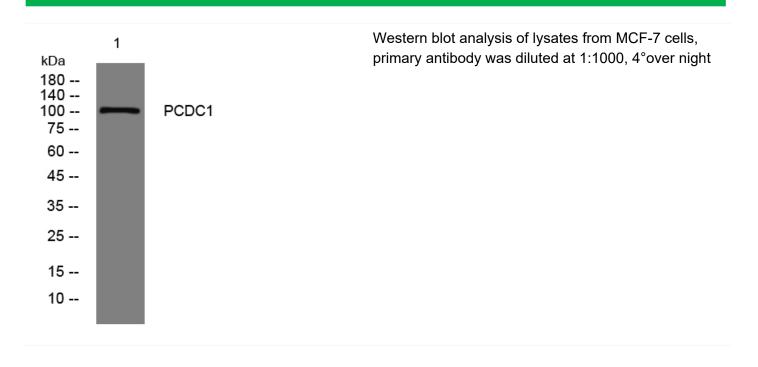
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|                           | which are shared by all genes in the cluster. The large, uninterrupted N-terminal<br>exons each encode six cadherin ectodomains while the C-terminal exons encode<br>the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are<br>integral plasma membrane proteins that most likely play a critical role in the<br>establishment and function of specific cell-cell connections in the brain. Alternative<br>splicing has been observed and additional variants have been suggested but their<br>full-length nature has yet to be determined. [provided by RefSeq, Jul 2008], |
|---------------------------|--|
| matters needing attention | Avoid repeated freezing and thawing!   |
| Usage suggestions         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.  |

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