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Datasheet for ABIN2783720 anti-PCDHA11 antibody (N-Term)

Image



Overview

| Quantity: | 100 µL |
|----------------------|--|
| Target: | PCDHA11 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Cow, Guinea Pig, Horse, Mouse, Pig, Rabbit, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PCDHA11 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Sequence: | RLSKNEYFSL DSPTNGKQIK RLSLILKKSL DREKTPELNL LLTATDGGKP |
|-----------------------|--|
| Predicted Reactivity: | Cow: 93%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Mouse: 93%, Pig: 85%, Rabbit: 86%, Rat: 91% |
| Characteristics: | This is a rabbit polyclonal antibody against PCDHA11. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| Target: | PCDHA11 | |
|-------------------|--|--|
| Alternative Name: | PCDHA11 (PCDHA11 Products) | |
| Background: | This gene is a member of the protocadherin alpha gene cluster, one of three related gene | |

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| | 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. |
| | Alias Symbols: CNR7, CNRN7, CNRS7, CRNR7, PCDH-ALPHA11 |
| | Protein Interaction Partner: UBC, |
| | Protein Size: 810 |
| Molecular Weight: | 85 kDa |
| Gene ID: | 56138 |
| NCBI Accession: | NM_031861, NP_114067 |

Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. | |
|--------------------|--|--|
| Comment: | Antigen size: 810 AA | |
| Restrictions: | For Research Use only | |

Handling

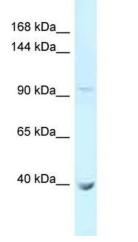
| Format: | Liquid |
|--------------------|--|
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

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| Handling Advice: | Avoid repeated freeze-thaw cycles. |
|------------------|---|
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small |
| | aliquots to prevent freeze-thaw cycles. |

Images



Rabbit Anti-PCDHA11 Antibody Catalog Number: ARP49346 Lot Number: QC21678 Lane: 721_B Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 6-18%

Western Blotting

Image 1. WB Suggested Anti-PCDHA11 Antibody Titration:1.0 ug/ml Positive Control: 721_B Whole Cell