

## Datasheet for ABIN1407071 **anti-PCDH7 antibody (Cy5.5)**

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### Overview

|              |                                            |
|--------------|--------------------------------------------|
| Quantity:    | 100 µL                                     |
| Target:      | PCDH7                                      |
| Reactivity:  | Human, Mouse, Rat                          |
| Host:        | Rabbit                                     |
| Clonality:   | Polyclonal                                 |
| Conjugate:   | This PCDH7 antibody is conjugated to Cy5.5 |
| Application: | Western Blotting (WB)                      |

### Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PCDH7 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Human, Mouse                                              |
| Predicted Reactivity: | Rat,Dog,Cow,Sheep,Pig,Horse                               |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PCDH7                                                                                                                                                                                   |
| Alternative Name: | Pcdh7 ( <a href="#">PCDH7 Products</a> )                                                                                                                                                |
| Background:       | Synonyms: BHPCDH, BH-Pcdh, PPP1R120, Protocadherin-7, Brain-heart protocadherin, PCDH7<br>Background: As a subfamily of the cadherin superfamily, protocadherins are cadherin-like cell |

## Target Details

adhesion proteins that contain up to seven extracellular domains and are predominantly expressed in the nervous system. Importantly, the adhesion mechanism of protocadherins is distinct from classic cadherins. Through inactivation or overexpression, several protocadherins have been implicated in a variety of cancers. PCDH7 (protocadherin 7), also known as BHPCDH or BH-Pcdh, is a 1069 amino acid single-pass I membrane protein that is expressed in the brain and heart. Containing seven cadherin domains, PCDH7 is thought to function in cell-cell recognition and adhesion. PCDH7 exists as three isoforms due to alternative splicing events.

Gene ID: 5099

UniProt: [O60245](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months