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Datasheet for ABIN7266661  
**anti-Cytohesin 1 antibody (AA 1-70)**

2 Images

Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | Cytohesin 1 (CYTH1)                            |
| Binding Specificity: | AA 1-70  |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal                                     |
| Conjugate:           | This Cytohesin 1 antibody is un-conjugated     |
| Application:         | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

|                   |  |
|-------------------|--|
| Purpose:          | CYTH1 Rabbit pAb   |
| Immunogen:        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-70 of human CYTH1 (NP_004753.1). |
| Sequence:         | MEEDDSYVPS DLTAERQEL ENIRRRKQEL LADIQLKDE IAEVANEIEN LGSTEERKNM<br>QRNKQVAMGR                                    |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Characteristics:  | Polyclonal Antibodies  |
| Purification:     | Affinity purification  |

## Target Details

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|                   |  |
|-------------------|--|
| Target:           | Cytohesin 1 (CYTH1)  |
| Alternative Name: | CYTH1 ( <a href="#">CYTH1 Products</a> )   |
| Background:       | <p>The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This gene is highly expressed in natural killer and peripheral T cells, and regulates the adhesiveness of integrins at the plasma membrane of lymphocytes. A pseudogene of this gene has been defined on the X chromosome. Alternative splicing results in multiple transcript variants.,CYTH1,B2-1,CYTOHESIN-1,D17S811E,PSCD1,SEC7,Signal Transduction,CYTH1</p> |
| Molecular Weight: | 39kDa/46kDa  |
| Gene ID:          | 9267   |
| UniProt:          | <a href="#">Q15438</a>   |

## Application Details

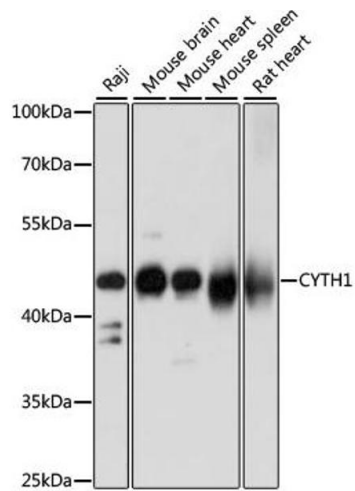
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|                    |                                   |
|--------------------|-----------------------------------|
| Application Notes: | WB,1:200 - 1:2000,IF,1:50 - 1:200 |
| Restrictions:      | For Research Use only             |

## Handling

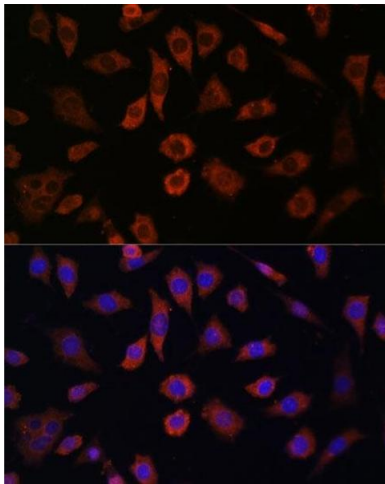
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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.  |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Avoid freeze / thaw cycles.  |



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using CYTH1 antibody (ABIN7266661) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of L929 cells using CYTH1 antibody (ABIN7266661) at dilution of 1:100. Blue: DAPI for nuclear staining.