



## Rabbit Anti-Cytohesin 3 antibody

SL20269R

|                               |   |
|-------------------------------|---|
| <b>Product Name:</b>          | Cytohesin 3   |
| <b>Chinese Name:</b>          | 胞粘蛋白3抗体   |
| <b>Alias:</b>                 | CYTH3; ARF nucleotide-binding site opener 3; ARNO3; ARNO3 protein; CYH3_HUMAN; Cyth3; Cytohesin-3; General receptor of phosphoinositides 1; Grp1; PH; PH, SEC7 and coiled-coil domain-containing protein 3; Protein ARNO3; PSCD3; SEC7 and coiled-coil domain-containing protein 3; SEC7 homolog C; Sec7-3; Sec7c.            |
| <b>Organism Species:</b>      | Rabbit  |
| <b>Clonality:</b>             | Polyclonal  |
| <b>React Species:</b>         | Human,Mouse,Rat,Cow,Horse,Rabbit,Sheep,   |
| <b>Applications:</b>          | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.   |
| <b>Molecular weight:</b>      | 46kDa   |
| <b>Cellular localization:</b> | The cell membrane   |
| <b>Form:</b>                  | Lyophilized or Liquid   |
| <b>Concentration:</b>         | 1mg/ml  |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human Cytohesin 3:301-400/400   |
| <b>Lsotype:</b>               | IgG   |
| <b>Purification:</b>          | affinity purified by Protein A  |
| <b>Storage Buffer:</b>        | Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4  |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| <b>PubMed:</b>                | <a href="#">PubMed</a>  |
| <b>Product Detail:</b>        | This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members 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 (GEP) 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 encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1. [provided by RefSeq, Jul 2008]

**Function:**

Promotes guanine-nucleotide exchange on ARF1. Promotes the activation of ARF through replacement of GDP with GTP.

**Subcellular Location:**

Cell membrane.

**Tissue Specificity:**

Almost absent from liver, thymus and peripheral blood lymphocytes.

**Similarity:**

Contains 1 PH domain.

Contains 1 SEC7 domain.

**SWISS:**

O43739

**Gene ID:**

9265

**Database links:**

[Entrez Gene: 9265](#) Human

[Entrez Gene: 19159](#) Mouse

[Entrez Gene: 116693](#) Rat

[Omim: 605081](#) Human

[SwissProt: O43739](#) Human

[SwissProt: O08967](#) Mouse

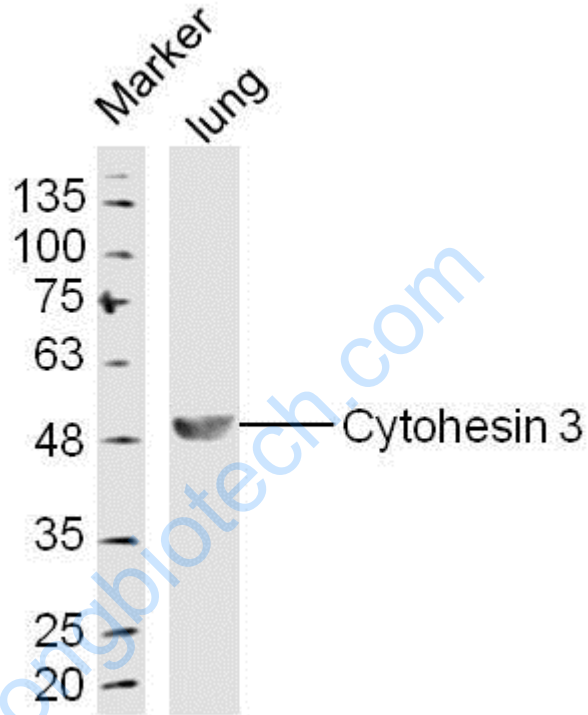
[SwissProt: P97696](#) Rat

[Unigene: 487479](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Protein: lung(mouse) lysates at 40ug;

Primary: Rabbit Anti-Cytohesin 3(SL20269R) at 1:300;

Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1:10000;

Predicted band size:46 kD

Observed band size:48 kD