

# CYTIP antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14820

## Product Information

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|--------------------------|-------------------------------------------------------|
| <b>Application</b>       | WB                                                    |
| <b>Primary Accession</b> | <a href="#">O60759</a>                                |
| <b>Other Accession</b>   | <a href="#">NM_004288</a> , <a href="#">NP_004279</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat, Pig, Guinea Pig                    |
| <b>Predicted</b>         | Human, Mouse, Rat                                     |
| <b>Host</b>              | Rabbit                                                |
| <b>Clonality</b>         | Polyclonal                                            |
| <b>Calculated MW</b>     | 40010                                                 |

## Additional Information

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|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                            | 9595                                                                                                                                                                                                                                                                               |
| <b>Alias Symbol</b><br><b>Other Names</b> | B3-1, CASP, CYBR, CYTHIP, HE, PSCDBP<br>Cytohesin-interacting protein, Cytohesin binder and regulator, CYBR, Cytohesin-associated scaffolding protein, CASP, Cytohesin-binding protein HE, Cbp HE, Pleckstrin homology Sec7 and coiled-coil domains-binding protein, CYTIP, PSCDBP |
| <b>Format</b>                             | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                                                                                                                  |
| <b>Reconstitution &amp; Storage</b>       | Add 50 ul of distilled water. Final anti-CYTIP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.                                                                                     |
| <b>Precautions</b>                        | CYTIP antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                                                                               |

## Protein Information

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | CYTIP                                                                                                                                               |
| <b>Synonyms</b>          | PSCDBP                                                                                                                                              |
| <b>Function</b>          | By its binding to cytohesin-1 (CYTH1), it modifies activation of ARFs by CYTH1 and its precise function may be to sequester CYTH1 in the cytoplasm. |
| <b>Cellular Location</b> | Cytoplasm. Early endosome. Note=Recruited from the cytosol to endosomes by SNX27                                                                    |

**Tissue Location**

Expressed in lymph nodes, thymus, spleen, lung, peripheral blood leukocytes and bone marrow

**References**

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Tang P.,et al.Proc. Natl. Acad. Sci. U.S.A. 99:2625-2629(2002).

Boehm T.,et al.EMBO J. 22:1014-1024(2003).

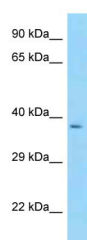
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Hillier L.W.,et al.Nature 434:724-731(2005).

Dixon B.,et al.Biochim. Biophys. Acta 1216:321-324(1993).

**Images**

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WB Suggested Anti-CYTIP Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.