

# Pcyt2 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13585

## Product Information

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|--------------------------|---------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                        |
| <b>Primary Accession</b> | <a href="#">Q922E4</a>                                                    |
| <b>Other Accession</b>   | <a href="#">NM_024229</a> , <a href="#">NP_077191</a>                     |
| <b>Reactivity</b>        | Human, Mouse, Rat, Zebrafish, Goat, Dog, Guinea Pig, Horse, Bovine, Yeast |
| <b>Predicted</b>         | Human, Mouse, Rat, Zebrafish, Chicken, Dog, Guinea Pig, Horse             |
| <b>Host</b>              | Rabbit                                                                    |
| <b>Clonality</b>         | Polyclonal                                                                |
| <b>Calculated MW</b>     | 45235                                                                     |

## Additional Information

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| <b>Gene ID</b>                      | 68671                                                                                                                                                                                          |
| <b>Alias Symbol</b>                 | 1110033E03Rik, ET                                                                                                                                                                              |
| <b>Other Names</b>                  | Ethanolamine-phosphate cytidylyltransferase, 2.7.7.14,<br>CTP:phosphoethanolamine cytidylyltransferase, Phosphorylethanolamine transferase, Pcyt2                                              |
| <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-Pcyt2 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>                  | Pcyt2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

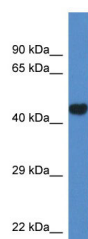
## Protein Information

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| <b>Name</b>     | Pcyt2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b> | Ethanolamine-phosphate cytidylyltransferase that catalyzes the second step in the synthesis of phosphatidylethanolamine (PE) from ethanolamine via the CDP-ethanolamine pathway (PubMed: <a href="#">17325045</a> ). Phosphatidylethanolamine is a dominant inner-leaflet phospholipid in cell membranes, where it plays a role in membrane function by structurally stabilizing membrane-anchored proteins, and participates in important cellular processes such as cell division, cell fusion, blood coagulation, and apoptosis (PubMed: <a href="#">17325045</a> ). |

## Images

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WB Suggested Anti-Pcyt2 Antibody Titration: 1.0  $\mu$ g/ml  
Positive Control: Mouse Heart

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