

**Citron rabbit pAb****Cat#: orb767476 (Manual)**

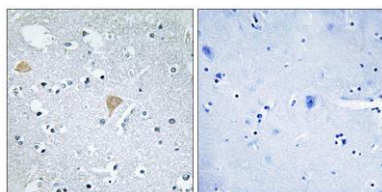
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|                                 |                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>             | Citron rabbit pAb                                                                                                     |
| <b>Host species</b>             | Rabbit                                                                                                                |
| <b>Applications</b>             | IHC;IF;ELISA                                                                                                          |
| <b>Species Cross-Reactivity</b> | Human;Mouse                                                                                                           |
| <b>Recommended dilutions</b>    | Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.                            |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from human CTRO. AA range:1011-1060                    |
| <b>Specificity</b>              | Citron Polyclonal Antibody detects endogenous levels of Citron protein.                                               |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..                                              |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                    |
| <b>Protein Name</b>             | Citron Rho-interacting kinase                                                                                         |
| <b>Gene Name</b>                | CIT                                                                                                                   |
| <b>Cellular localization</b>    | Cytoplasm .                                                                                                           |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Clonality</b>                | Polyclonal                                                                                                            |

|                                |                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Concentration</b>           | 1 mg/ml                                                                                             |
| <b>Observed band</b>           |                                                                                                     |
| <b>Human Gene ID</b>           | 11113                                                                                               |
| <b>Human Swiss-Prot Number</b> | O14578                                                                                              |
| <b>Alternative Names</b>       | CIT; CRIK; KIAA0949; STK21; Citron Rho-interacting kinase; CRIK; Serine/threonine-protein kinase 21 |

### Background

This gene encodes a serine/threonine-protein kinase that functions in cell division. Together with the kinesin KIF14, this protein localizes to the central spindle and midbody, and functions to promote efficient cytokinesis. This protein is involved in central nervous system development. Polymorphisms in this gene are associated with bipolar disorder and risk for schizophrenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011],



**Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CTRO Antibody. The picture on the right is blocked with the synthesized peptide.**