

**ERGIC2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16756b****Specification**

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**ERGIC2 Antibody (C-term) - Product Information**

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Application       | WB,E                                                 |
| Primary Accession | <a href="#">O96RQ1</a>                               |
| Other Accession   | <a href="#">O4R5C3</a> , <a href="#">NP_057654.2</a> |
| Reactivity        | Human                                                |
| Predicted         | Monkey                                               |
| Host              | Rabbit                                               |
| Clonality         | Polyclonal                                           |
| Isotype           | Rabbit IgG                                           |
| Calculated MW     | 42549                                                |
| Antigen Region    | 335-362                                              |

**ERGIC2 Antibody (C-term) - Additional Information****Gene ID** 51290**Other Names**

Endoplasmic reticulum-Golgi intermediate compartment protein 2, ERGIC2, ERV41, PTX1

**Target/Specificity**

This ERGIC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 335-362 amino acids from the C-terminal region of human ERGIC2.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ERGIC2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ERGIC2 Antibody (C-term) - Protein Information****Name** ERGIC2**Synonyms** ERV41, PTX1

**Function** Possible role in transport between endoplasmic reticulum and Golgi.

**Cellular Location**

Endoplasmic reticulum-Golgi intermediate compartment membrane; Multi-pass membrane protein. Golgi apparatus, cis-Golgi network membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Cytoplasm. Nucleus Note=Cycles between the endoplasmic reticulum and the Golgi. According to a report, localizes to the nucleus (PubMed:11445006). Another report shows a partial localization in the nucleus (PubMed:17980171)

**Tissue Location**

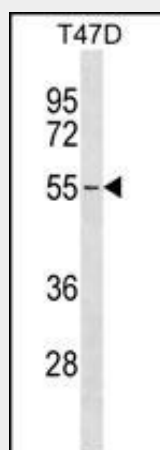
Ubiquitously expressed.

**ERGIC2 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ERGIC2 Antibody (C-term) - Images**



ERGIC2 Antibody (C-term) (Cat. #AP16756b) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the ERGIC2 antibody detected the ERGIC2 protein (arrow).

**ERGIC2 Antibody (C-term) - Background**

ERGIC2, or PTX1, is a ubiquitously expressed nuclear protein that is downregulated in prostate carcinoma (Kwok et al., 2001 [PubMed 11445006]).

**ERGIC2 Antibody (C-term) - References**

Yang, Y.F., et al. Biochim. Biophys. Acta 1784(2):312-318(2008)

Kwok, S.C., et al. DNA Cell Biol. 25(9):523-529(2006)  
Breuza, L., et al. J. Biol. Chem. 279(45):47242-47253(2004)  
Liu, X., et al. DNA Cell Biol. 22(7):469-474(2003)  
Kwok, S.C., et al. DNA Cell Biol. 20(6):349-357(2001)