

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

ERGIC2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O96RQ1
Other Accession	O4R5C3 , NP_057654.2
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

E~~Use at an assay dependent concentration.

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

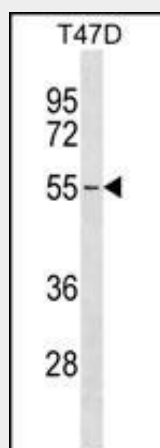
Ubiquitously expressed.

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)