



Rabbit Anti-ERGIC2 antibody

SL14622R

Product Name:	ERGIC2
Chinese Name:	ERGIC2蛋白抗体
Alias:	cd002; CD14 protein; CDA14; Endoplasmic reticulum Golgi intermediate compartment protein 2; Endoplasmic reticulum-Golgi intermediate compartment protein 2; ERGI2_HUMAN; ERGIC 2; ERGIC and golgi 2; ergic2; Erv41; MGC111152; PTX1; PTX1 protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	43kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ERGIC2:31-130/377
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	ERGIC2, or PTX1, is a ubiquitously expressed nuclear protein that is downregulated in prostate carcinoma (Kwok et al., 2001 [PubMed 11445006]).[supplied by OMIM, Aug 2008]

Function:

Possible role in transport between endoplasmic reticulum and Golgi.

Subcellular Location:

Endoplasmic reticulum-Golgi intermediate compartment membrane. Golgi apparatus > cis-Golgi network membrane. Endoplasmic reticulum membrane. Cytoplasm. Nucleus. Cycles between the endoplasmic reticulum and the Golgi. PubMed:11445006 states that it localizes to the nucleus; PubMed:17980171 shows a partial localization in the nucleus.

Tissue Specificity:

Ubiquitously expressed.

Similarity:

Belongs to the ERGIC family.

SWISS:

Q96RQ1

Gene ID:

51290

Database links:

[Entrez Gene: 51290](#) Human

[Entrez Gene: 477657](#) Dog

[Entrez Gene: 67456](#) Mouse

[Entrez Gene: 393378](#) Zebrafish

[Olim: 612236](#) Human

[SwissProt: Q96RQ1](#) Human

[SwissProt: Q9CR89](#) Mouse

[SwissProt: Q7T2D4](#) Zebrafish

[Unigene: 339453](#) Human

[Unigene: 59812](#) Mouse

[Unigene: 12056](#) Zebrafish

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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