

Rabbit ERGIC2 Polyclonal Antibody | anti-ERGIC2 antibody

ERGIC2 Antibody

CATALOG # AAA328843	HOST Rabbit	REACTIVITY Human Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ERGIC2; Polyclonal Antibody; ERGIC2 Antibody; cd002; CD14 protein; CDA14; Endoplasmic reticulum Golgi intermediate compartment protein 2; Endoplasmic reticulum-Golgi intermediate compartment protein 2; ERG12_HUMAN; ERGIC 2; ERGIC and golgi 2; ergic2; Erv41; MGC111152; PTX1; PTX1 protein; anti-ERGIC2 antibody

PRODUCT SPECIFICATIONS

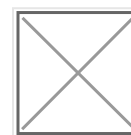
Host	Rabbit
Reactivity	Human Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	ERGIC2 Antibody detects endogenous levels of ERGIC2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	377
Applicable Applications for anti-ERGIC2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ERGIC2.
Tissue Specificity	Ubiquitously expressed.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Endoplasmic Reticulum; Nucleus; Golgi Apparatus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2, using ERGIC2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using ERGIC2 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)

staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti- ERGIC2 antibody	Description: Possible role in transport between endoplasmic reticulum and Golgi.
	Subunit Structure: May interact with EEF1A1.
	Similarity: Belongs to the ERGIC family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50959176
NCBI GeneID	51290
NCBI Accession #	NP_057654.2
NCBI GenBank Nucleotide #	NP_057654.2
UniProt Accession #	Q96RQ1
Molecular Weight	Observed: 45 kDa Predicted: 43 kDa
NCBI Official Full Name	endoplasmic reticulum-Golgi intermediate compartment protein 2
NCBI Official Synonym Full Names	ERGIC and golgi 2
NCBI Official Symbol	ERGIC2
NCBI Official Synonym Symbols	PTX1; CDA14; Erv41; cd002
NCBI Protein Information	endoplasmic reticulum-Golgi intermediate compartment protein 2
UniProt Protein Name	Endoplasmic reticulum-Golgi intermediate compartment protein 2
UniProt Gene Name	ERGIC2
UniProt Synonym Gene Names	ERV41; PTX1
UniProt Entry Name	ERGI2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ergic2-antibody-western-blot-elisa/328843>