

Rabbit ERGIC3 Polyclonal Antibody | anti-ERGIC3 antibody

Rabbit anti-ERGIC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223991	Rabbit	Human, Mouse, Rat, Bovine, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

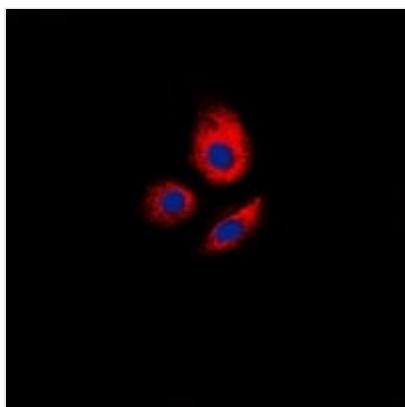
PRODUCT SYNONYMS

ERGIC3; Polyclonal Antibody; Rabbit anti-ERGIC3 Antibody; C20orf47; ERV46; SDBCAG84; Endoplasmic reticulum-Golgi intermediate compartment protein 3; Serologically defined breast cancer antigen NY-BR-84; anti-ERGIC3 antibody

PRODUCT SPECIFICATIONS

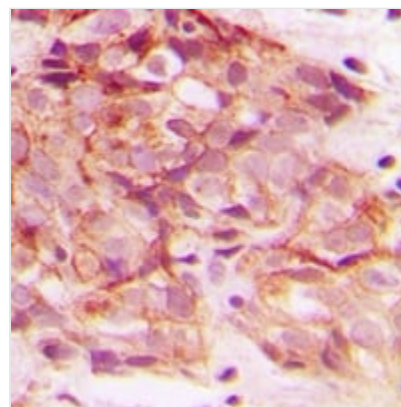
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ERGIC3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ERGIC3. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



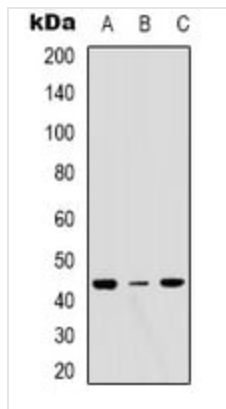
IF (Immunofluorescence)

Immunofluorescent analysis of ERGIC3 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of ERGIC3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ERGIC3 expression in MCF7 (A), HeLa (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ERGIC3 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706278
NCBI GeneID	51614
NCBI Accession #	NP_057050.1
NCBI GenBank Nucleotide #	NM_015966.2
UniProt Accession #	Q9Y282; Q9CQE7
Molecular Weight	43,222 Da
NCBI Official Full Name	endoplasmic reticulum-Golgi intermediate compartment protein 3 isoform b
NCBI Official Synonym Full Names	ERGIC and golgi 3
NCBI Official Symbol	ERGIC3
NCBI Official Synonym Symbols	Erv46; CGI-54; PRO0989; C20orf47; NY-BR-84; SDBCAG84; dJ477O4.2
NCBI Protein Information	endoplasmic reticulum-Golgi intermediate compartment protein 3; endoplasmic reticulum-localized protein ERp43; serologically defined breast cancer antigen 84; serologically defined breast cancer antigen NY-BR-84
UniProt Protein Name	Endoplasmic reticulum-Golgi intermediate compartment protein 3
UniProt Gene Name	ERGIC3
UniProt Synonym Gene Names	C20orf47; ERV46; SDBCAG84
UniProt Entry Name	ERGI3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ergic3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/223991>