

Rabbit ERGIC3 Polyclonal Antibody | anti-ERGIC3 antibody

Anti-ERGIC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260865	Rabbit	Human, Mouse, Rat, Bovine, Monkey	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ERGIC3; Polyclonal Antibody; 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
Specificity	Recognizes endogenous levels of ERGIC3 protein.
Purity/Purification	The antibody was purified by affinity chromatography.
Form/Format	Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% Sodium Azide.
Sequence Length	383
Applicable Applications for anti-ERGIC3 antibody	ICC (Immunocytochemistry), 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	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid 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

Related Product Information for anti- ERGIC3 antibody	Rabbit polyclonal antibody to ERGIC3
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37999823
NCBI GeneID	51614
UniProt Accession #	Q9Y282; Q5JWS3; Q6ZWP7; Q9H276; Q9P1L3
Molecular Weight	43,772 Da
NCBI Official Full Name	Endoplasmic reticulum-Golgi intermediate compartment protein 3
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
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.