



# ERGIC-3 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-00696                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                  | Human;Mouse                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>                | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                   | ERGIC3                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human ERGIC3. AA range:321-370                                                                                                                                                                                               |
| <b>Specificity</b>                 | ERGIC-3 Polyclonal Antibody detects endogenous levels of ERGIC-3 protein.                                                                                                                                                                                                                        |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                          |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                           |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                            |
| <b>Dilution</b>                    | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                     |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                             |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                    | NY BR 84;ERV46;Endoplasmic reticulum-Golgi intermediate compartment protein 3;CGI-54;CGI;ERGIC-3;ERGIC3;C20orf47;SDBCAG84;Serologically defined breast cancer antigen NY-BR-84                                                                                                                   |
| <b>Observed Band</b>               | 43kD                                                                                                                                                                                                                                                                                             |
| <b>Calculated Molecular Weight</b> | 43kD                                                                                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>                | 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 . Cycles between the endoplasmic reticulum and the Golgi. |
| <b>Tissue Specificity</b>          | Brain,Embryo,Fetal liver,Liver,Mammary gland,Skin,                                                                                                                                                                                                                                               |
| <b>Function</b>                    | function:Possible role in transport between endoplasmic reticulum and Golgi., similarity:Belongs to the ERGIC family.,subcellular location:Cycles between the endoplasmic reticulum and the Golgi.,subunit:Interacts with ERGIC1/ERGIC32.,                                                       |



## Background

function:Possible role in transport between endoplasmic reticulum and Golgi.,  
similarity:Belongs to the ERGIC family.,subcellular location:Cycles between the  
endoplasmic reticulum and the Golgi.,subunit:Interacts with ERGIC1/ERGIC32.,

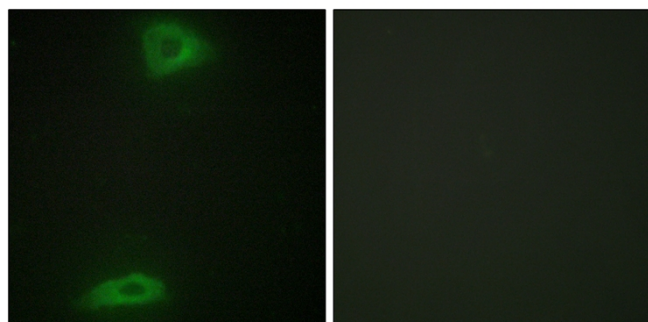
## matters needing attention

Avoid repeated freezing and thawing!

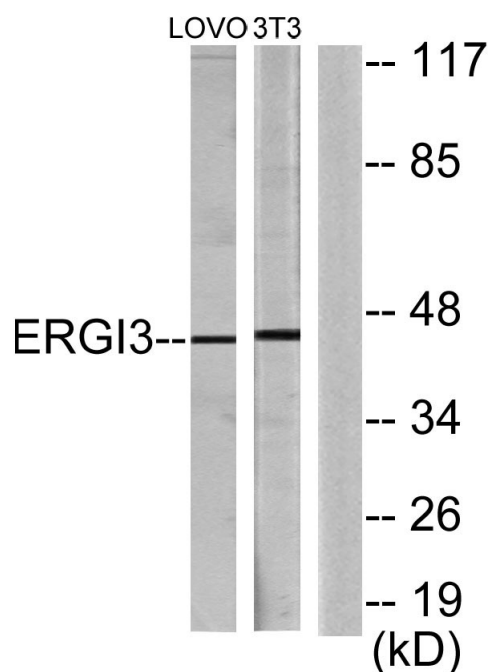
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

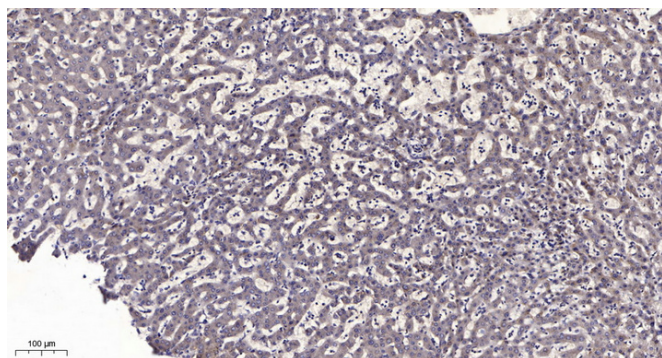
## Products Images



Immunofluorescence analysis of HepG2 cells, using ERG13 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO and NIH/3T3 cells, using ERG13 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).