

## Rabbit GBL Polyclonal Antibody | anti-MLST8 antibody

Anti-GBL Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                          |
|-----------|--------|-------------------|-------------------------------------------------------|
| AAA262675 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Western Blot |

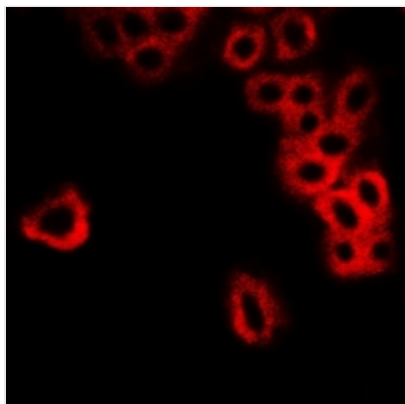
### PRODUCT SYNONYMS

GBL; Polyclonal Antibody; Anti-GBL Antibody; LST8; Target of rapamycin complex subunit LST8; TORC subunit LST8; G protein beta subunit-like; Gable; Protein GbetaL; Mammalian lethal with SEC13 protein 8; mLST8; anti-MLST8 antibody

### PRODUCT SPECIFICATIONS

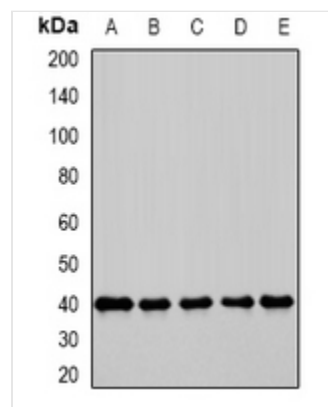
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                                                              |
| Clonality                                       | Polyclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of GBL protein.                                                                   |
| 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.      |
| Sequence Length                                 | 326                                                                                                            |
| Applicable Applications for anti-MLST8 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                       | Recombinant full length protein of human GBL                                                                   |
| 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 GBL 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.



#### WB (Western Blot)

Western blot analysis of GBL expression in K562 (A), HepG2 (B), COS7 (C), mouse testis (D), mouse spleen (E) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                   |
|-----------------------------------------------------|-----------------------------------|
| Related Product Information for anti-MLST8 antibody | Rabbit polyclonal antibody to GBL |
|-----------------------------------------------------|-----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 312596910                                                              |
| NCBI GeneID                      | 64223                                                                  |
| NCBI Accession #                 | NP_001186102.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001199173.1                                                         |
| UniProt Accession #              | Q9BVC4; Q5M800; Q86Y18; Q8WUI5; Q9HA66; Q9UJV6; B3KMM4; B4DY00; D3DU88 |
| Molecular Weight                 | 35,748 Da                                                              |
| NCBI Official Full Name          | target of rapamycin complex subunit LST8 isoform a                     |
| NCBI Official Synonym Full Names | MTOR associated protein, LST8 homolog                                  |
| NCBI Official Symbol             | MLST8                                                                  |
| NCBI Official Synonym Symbols    | GBL; LST8; POP3; WAT1; GbetaL                                          |
| NCBI Protein Information         | target of rapamycin complex subunit LST8                               |
| UniProt Protein Name             | Target of rapamycin complex subunit LST8                               |
| UniProt Gene Name                | MLST8                                                                  |
| UniProt Synonym Gene Names       | GBL; LST8; TORC subunit LST8; Gable; Protein GbetaL; mLST8             |
| UniProt Entry Name               | LST8_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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