

## Rabbit GLO1 Polyclonal Antibody | anti-GLO1 antibody

GLO1 Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA170535</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

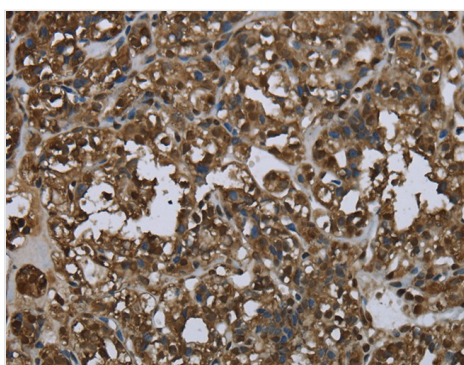
### PRODUCT SYNONYMS

GLO1; Polyclonal Antibody; GLO1 Polyclonal Antibody; GLYI; GLOD1; HEL-S-74; anti-GLO1 antibody

### PRODUCT SPECIFICATIONS

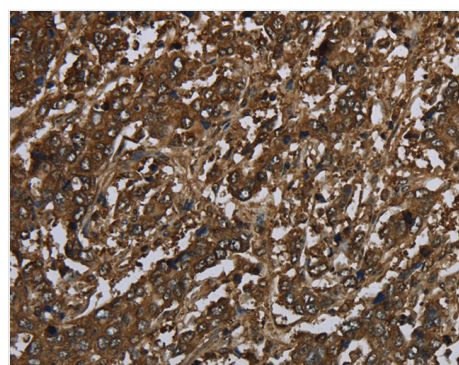
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 2.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 184                                                                                       |
| Applicable Applications for anti-GLO1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                      | Recombinant protein of human GLO1                                                         |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



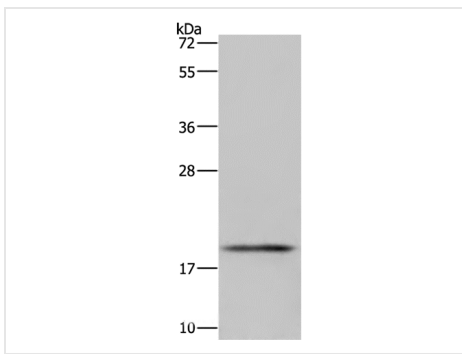
#### IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using GLO1 Polyclonal Antibody at dilution of 1:60



#### IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using GLO1 Polyclonal Antibody at dilution of 1:60



#### WB (Western Blot)

Western Blot analysis of 293T cell using GLO1 Polyclonal Antibody at dilution of 1:350

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-GLO1 antibody</b> | The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. Glyoxalase I is linked to HLA and is localized to 6p21. 3-p21. 1, between HLA and the centromere. |
| <b>Product Categories/Family for anti-GLO1 antibody</b>   | <a href="#">Cancer</a> ; <a href="#">Epigenetics</a>                                                                                                                                                                                                               |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                                                                                      |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">608785299</a>                                                                                                                                                                                                            |
| <b>NCBI GeneID</b>                      | <a href="#">2739</a>                                                                                                                                                                                                                 |
| <b>Molecular Weight</b>                 | 19,043 Da                                                                                                                                                                                                                            |
| <b>NCBI Official Full Name</b>          | glyoxalase I isoform A, partial                                                                                                                                                                                                      |
| <b>NCBI Official Synonym Full Names</b> | glyoxalase I                                                                                                                                                                                                                         |
| <b>NCBI Official Symbol</b>             | GLO1                                                                                                                                                                                                                                 |
| <b>NCBI Official Synonym Symbols</b>    | GLYI; GLOD1; HEL-S-74                                                                                                                                                                                                                |
| <b>NCBI Protein Information</b>         | lactoylglutathione lyase; S-D-lactoylglutathione methylglyoxal lyase; aldoketomutase; epididymis secretory protein Li 74; glx I; glyoxalase domain containing 1; ketone-aldehyde mutase; lactoyl glutathione lyase; methylglyoxalase |
| <b>UniProt Protein Name</b>             | Lactoylglutathione lyase                                                                                                                                                                                                             |
| <b>UniProt Gene Name</b>                | <b>GLO1</b>                                                                                                                                                                                                                          |
| <b>UniProt Synonym Gene Names</b>       | Glx I                                                                                                                                                                                                                                |
| <b>UniProt Entry Name</b>               | LGUL_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/glo1-antibody-immunohistochemistry-western-blot-elisa/170535>