

GCLM

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 30kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human GCLM

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

b

Synonym:

GCLM; GLCLR; Glutamate--cysteine ligase regulatory subunit; GCS light chain ; Gamma-ECS regulatory subunit;

Catalog #: A5314

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2730

Isotype: IgG

Swiss Prot: P48507

Purity: Affinity purification

For research use only.

Background:

Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase, is the first rate limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. Gamma glutamylcysteine synthetase deficiency has been implicated in some forms of hemolytic anemia.

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