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**Product Name: GCLC Rabbit Monoclonal antibody****Catalog #: AMRe02024**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Concentration</b>	0.17mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 73 kDa; Observed MW: 73 kDa

**Antigen Information**

<b>Gene Name</b>	GCLC
<b>Alternative Names</b>	GCLC; GLCL; GLCLC; Glutamate--cysteine ligase catalytic subunit; GCS heavy chain; Gamma-ECS; Gamma-glutamylcysteine synthetase
<b>Gene ID</b>	2729
<b>SwissProt ID</b>	P48506
<b>Immunogen</b>	A synthetic peptide of human GCLC

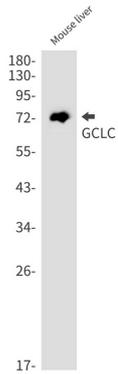
**Background**

Sulfur metabolism; glutathione biosynthesis; glutathione from L-cysteine and L-glutamate: step 1/2.

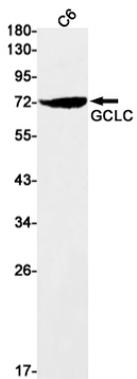
## Research Area

Signal Transduction

## Image Data



Western blot analysis of GCLC in mouse liver lysates using GCLC antibody.



Western blot analysis of GCLC in C6 lysates using GCLC antibody.