

# GCLC Antibody

Rabbit mAb

Catalog # AP91269

## Product Information

---

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P48506</a>
<b>Reactivity</b>	Rat, Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	GCS heavy chain; Gamma-ECS Gamma-glutamylcysteine synthetase; GLCL; GLCLC; GCLC
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	72766

## Additional Information

---

<b>Dilution</b>	WB 1:500~1:2000
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human GCLC
<b>Description</b>	Sulfur metabolism; glutathione biosynthesis; glutathione from L-cysteine and L-glutamate: step 1/2.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

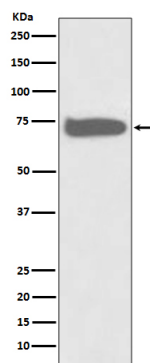
---

<b>Name</b>	GCLC ( <a href="#">HGNC:4311</a> )
<b>Synonyms</b>	GLCL, GLCLC
<b>Function</b>	Catalyzes the ATP-dependent ligation of L-glutamate and L- cysteine and participates in the first and rate-limiting step in glutathione biosynthesis.

## Images

---

Western blot analysis of GCLC expression in HepG2 cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.