

GCLC Antibody
Rabbit mAb
Catalog # AP91269

Specification

GCLC Antibody - Product Information

Application	WB
Primary Accession	P48506
Reactivity	Rat
Clonality	Monoclonal
Other Names	
GCS heavy chain; Gamma-ECS Gamma-glutamylcysteine synthetase; GLCL; GLCLC; GCLC	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	72766 Da

GCLC Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GCLC
Description	Sulfur metabolism; glutathione biosynthesis; glutathione from L-cysteine and L-glutamate: step 1/2.
Storage Condition and Buffer	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.

GCLC Antibody - Protein Information

Name GCLC ([HGNC:4311](#))

Synonyms GLCL, GLCLC

Function

Catalyzes the ATP-dependent ligation of L-glutamate and L- cysteine and participates in the first and rate-limiting step in glutathione biosynthesis.

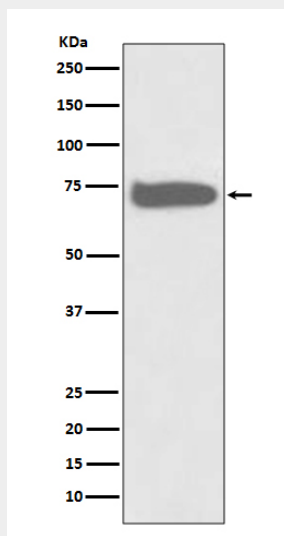
GCLC Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GCLC Antibody - Images



Western blot analysis of GCLC expression in HepG2 cell lysate.