

GCLC Antibody (aa295-313)
Rabbit Polyclonal Antibody
Catalog # ALS12218**Specification**

GCLC Antibody (aa295-313) - Product Information

Application	IHC
Primary Accession	P48506
Reactivity	Human, Mouse, Rat, Monkey, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73kDa KDa

GCLC Antibody (aa295-313) - Additional Information**Gene ID** 2729**Other Names**

Glutamate--cysteine ligase catalytic subunit, 6.3.2.2, GCS heavy chain, Gamma-ECS, Gamma-glutamylcysteine synthetase, GCLC, GLCL, GLCLC

Target/Specificity

Recognizes the heavy subunit of rat GCS. Species cross-reactivity: human, monkey and mouse. Cross-reacts weakly with bovine.

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

GCLC Antibody (aa295-313) is for research use only and not for use in diagnostic or therapeutic procedures.

GCLC Antibody (aa295-313) - 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.

Volume

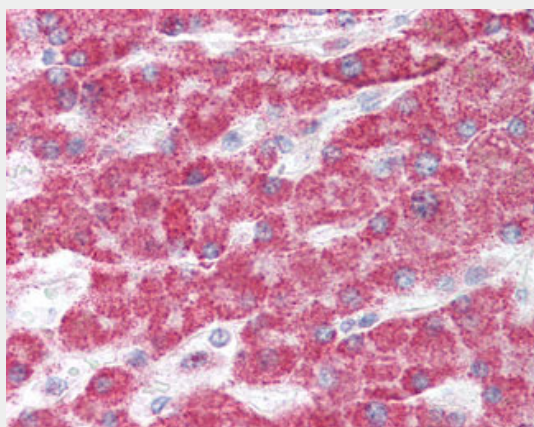
50 µl

GCLC Antibody (aa295-313) - 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 (aa295-313) - Images



Anti-GCLC antibody IHC of human liver.

GCLC Antibody (aa295-313) - References

- Gipp J.J., et al. Biochem. Biophys. Res. Commun. 185:29-35(1992).
Mungall A.J., et al. Nature 425:805-811(2003).
Mulcahy R.T., et al. Biochem. Biophys. Res. Commun. 209:227-233(1995).
Beutler E., et al. Blood 94:2890-2894(1999).
Misra I., et al. Protein Expr. Purif. 13:268-276(1998).