

GCLC Rabbit mAb

Catalog No: #52302

Package Size: #52302-1 50ul #52302-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

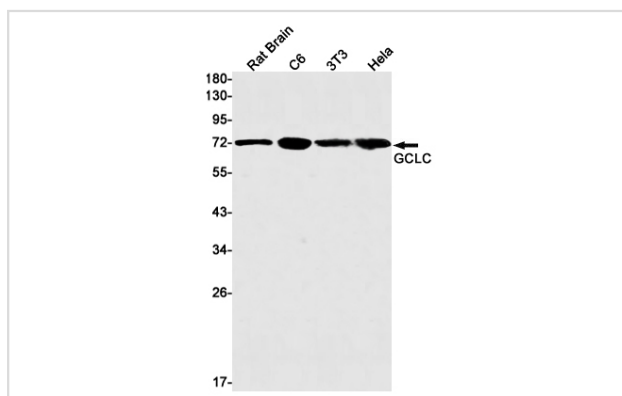
Description

Product Name	GCLC Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-9D9
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant protein of human GCLC
Conjugates	Unconjugated
Modification	Unmodification
Other Names	GCL; GCS; GLCL; GLCLC
Accession No.	Swiss-Prot:P48506GenelD:2729
Calculated MW	Calculated MW: 73 kDa; Observed MW: 73 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of GCLC in Rat Brain, C6, 3T3, HeLa cell lysates using GCLC Rabbit mAb(1:1000 diluted). Predicted band size: 73kDa. Observed band size: 73kDa.

Background

Swiss-Prot Acc.P48506. Glutamate--cysteine ligase catalytic subunit

Published Papers

el at., c-Myc protects hepatocellular carcinoma cell from ferroptosis induced by glutamine deprivation via upregulating GOT1 and Nrf2 *In Mol Biol Rep* 2023 Aug; 56(8):1532-1541. doi: 10.1007/s12268-023-01000-0. PMID: 37358765, (2023)

[PMID:37358765](#)

Ma Zhongying, Sun Jin, Guo Chao, Ju Jia, Qiao Yi, Niu Jing, Zhou Lun, Ren Qian, Wu Qianwen, Wen Aidong, Wang Jingwen et al., Formononetin mitigates alcoholic liver disease by restoring ALDH2 function and inducing ERK1/2 β Nrf2 antioxidant signaling, *Phytomedicine : international journal of phytotherapy and phytopharmacology*, (2025)

[PMID:41110354](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.