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GCLC Antibody

Rabbit mAb
Catalog # AP91269

Product Information

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

Additional Information

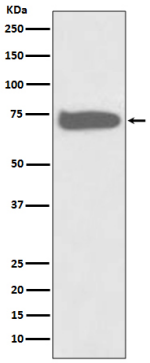
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GCLC
Description	Sulfur metabolism; glutathione biosynthesis; glutathione from L-cysteine and L-glutamate: step 1/2.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , 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.

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.

Images

Western blot analysis of GCLC expression in HepG2 cell lysate.



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