

Product Information

Product SKU:	CAB4499	Gene ID:	2729	Size:	20uL, 100uL
Clone No:	ARC1065	Host Species:	Rabbit	Reactivity:	Human,Rat

Additional Information

Observed MW:	73kDa	Conjugate:	Unconjugated
Calculated MW:	73kDa	Isotype:	IgG

Immunogen Information

Background:	Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase is the first rate-limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. This locus encodes the catalytic subunit, while the regulatory subunit is derived from a different gene located on chromosome 1p22-p21. Mutations at this locus have been associated with hemolytic anemia due to deficiency of gamma-glutamylcysteine synthetase and susceptibility to myocardial infarction.
Recommended Dilution:	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200
Synonyms:	GCL; GCS; GLCL; GLCLC; GCLC
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 538-637 of human GCLC (P48506).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.