

CAB11557

Product Information

Product SKU:	CAB11557	Gene ID:	2937	Size:	20uL, 100uL
Clone No:	ARC0630	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	52kDa	Conjugate:	Unconjugated
Calculated MW:	52kDa	Isotype:	IgG

Immunogen Information

Background: Glutathione is important for a variety of biological functions, including protection of cells from oxidative damage by free radicals, detoxification of xenobiotics, and membrane transport. The protein encoded by this gene functions as a homodimer to catalyze the second step of glutathione biosynthesis, which is the ATP-dependent conversion of gamma-L-glutamyl-L-cysteine to glutathione. Defects in this gene are a cause of glutathione synthetase deficiency.

Recommended Dilution: WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

Synonyms: GSHS; HEL-S-64p; HEL-S-88n; Glutathione Synthetase (GSS)

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 350-450 of human Glutathione Synthetase (GSS) (P48637).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.