

## Glutathione Synthetase Rabbit pAb

db22116

Package : 20µL 50µL 100µL

**Product Name** : Glutathione Synthetase Rabbit pAb**Cat.No.:** db22116**Synonyms** : GSHS; HEL-S-64p; HEL-S-88n**Application** : WB, IHC, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Glutathione Synthetase

**Gene ID**

2937

**Swiss Prot**

P48637

**Synonyms**

GSHS; HEL-S-64p; HEL-S-88n

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, FC

**Recommended dilution**

WB: 1:2000-1:10000

IHC: 1:20

FC: 1:20-1:100

**Calculated MW**

52 kDa

**Observed MW**

52 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.