

Glutathione Synthetase Rabbit mAb

Catalog No: #59854

Package Size: #59854-1 50ul #59854-2 100ul

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Description

Product Name	Glutathione Synthetase Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Glutathione Synthetase Antibody detects endogenous levels of total Glutathione Synthetase
Immunogen Description	A synthesized peptide derived from human Glutathione Synthetase
Other Names	Glutathione synthase; Glutathione synthetase; GSH S; GSH synthetase; GSH-S; GSHS; GSS; HEL-S-64p; HEL-S-88n;
Accession No.	Uniprot:P48637
Calculated MW	Predicted band size: 52 kDa
SDS-PAGE MW	Observed band size: 52 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

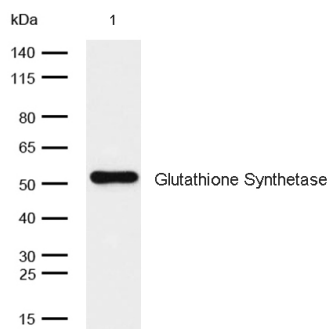
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Glutathione Synthetase Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates
Lysates/proteins at 20 µg per lane.

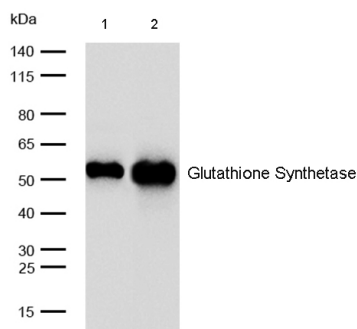
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 52 kDa

Observed band size: 52 kDa

Exposure time: 5 seconds



All lanes: Glutathione Synthetase Rabbit mAb at 1/1k dilution

Lane 1 : Mouse kidney lysates Lane 2 : Rat kidney lysates
Lysates/proteins at 20 µg per lane.

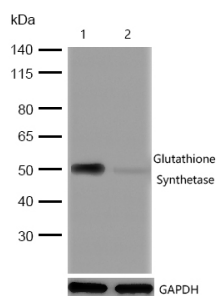
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 52 kDa

Observed band size: 52 kDa

Exposure time: 6 seconds

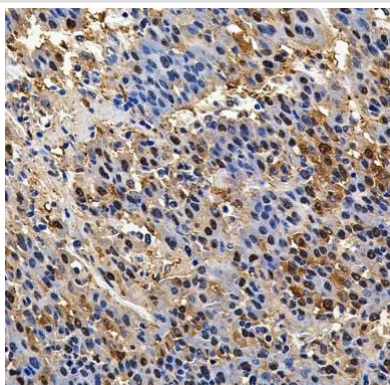


All lanes: Glutathione Synthetase Rabbit mAb at 1/1k dilution

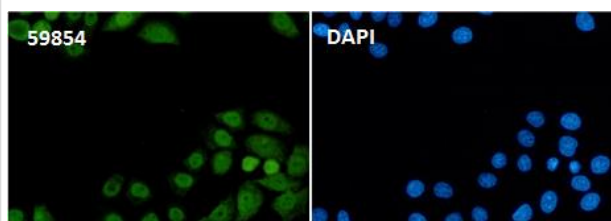
Lane 1 : Wild-type HAP1 cell lysate

Lane 2 : Glutathione Synthetase Rabbit mAb knockdown
HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human liver cancer tissue
stained for Glutathione Synthetase using 59854 at 1/100
dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Glutathione
Synthetase antibody (59854) ICC/IF
staining of Glutathione Synthetase in HeLa cells. Cells were
fixed with 4% Paraformaldehyde permeabilized with 0.1%
Triton X-100.

Samples were incubated with 59854 at a
working dilution of 1/100. The secondary antibody was Alexa
FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Sulfur metabolism; glutathione biosynthesis; glutathione from L-cysteine and L-glutamate: step 2/2.

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