

Anti-GSS antibody (373-474) (STJ116746)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

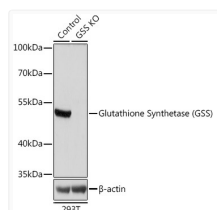
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 52kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

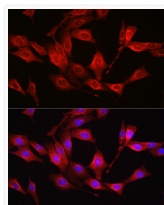
Gene ID	2937
Gene Symbol	GSS
UniProt ID	GSHB_HUMAN
Immunogen Region	373-474
Immunogen Sequence	NLYGEEMVQALKQLKDSEER ASYILMEKIEPEPFENCLLR PGSPARVVQCISELGIFGVY VRQEKTLMNKHVGHLLRTK AIEHADGGVAAGVAVDNPY PV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 373-474 of human Glutathione Synthetase (Glutathione Synthetase (GSS)) (NP_000169.1).

ADDITIONAL INFORMATION

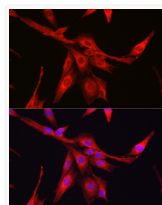
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



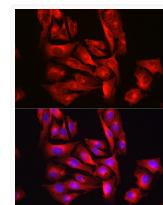
Western blot analysis of extracts from normal (control) and Glutathione Synthetase (Glutathione Synthetase (GSS)) knockout (KO) 293T cells, using Glutathione Synthetase (Glutathione Synthetase (GSS)) antibody (STJ116746) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] Glutathione Synthetase (GSS) rabbit polyclonal antibody (STJ116746) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using [KO Validated] Glutathione Synthetase (GSS) rabbit polyclonal antibody (STJ116746) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using [KO Validated] Glutathione Synthetase (GSS) rabbit polyclonal antibody (STJ116746) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.