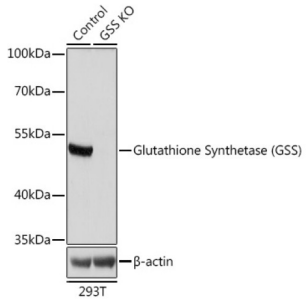
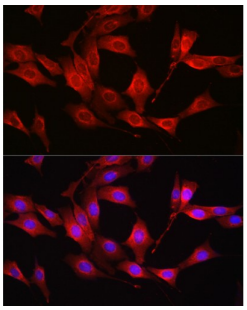
Glutathione Synthetase (GSS) Antibody

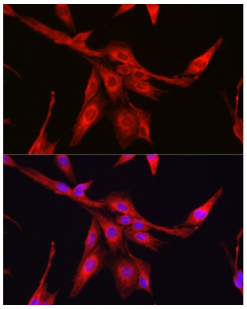
Catalogue No.:abx000992



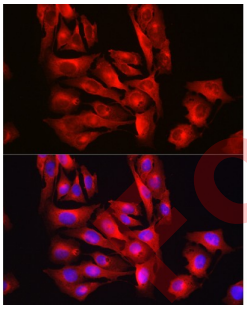
Western blot analysis of extracts from normal (control) and Glutathione Synthetase (Glutathione Synthetase (GSS)) knockout (KO) 293T cells using Glutathione Synthetase (Glutathione Synthetase (GSS)) Antibody (1/1000 dilution).



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



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



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

GSS Antibody is a Rabbit Polyclonal antibody against GSS. 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].

Target: Glutathione Synthetase (GSS)

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human GSS
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P48637 (UniProt, ExPASy)
Gene Symbol:	GSS
GeneID:	2937
NCBI Accession:	NP_000169.1
KEGG:	hsa:2937
String:	9606.ENSP00000216951
Molecular Weight:	Calculated MW: 40 kDa/52 kDa Observed MW: 52 kDa
Buffer:	PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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Website: www.abbexa.com · Email: info@abbexa.com