

## Anti-GLS antibody (610-669) (STJ23808)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

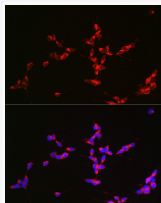
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 73kDa Observed Mw: 65-73kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

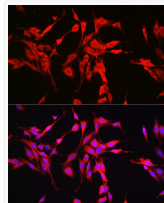
Gene ID	<a href="#">2744</a>
Gene Symbol	<a href="#">GLS</a>
UniProt ID	<a href="#">GLSK_HUMAN</a>
Immunogen Region	610-669
Immunogen Sequence	KVNPFPKDRWNNTPMDEALH FGHHDFKILQEYQVQYTPQ GDS DNGKENQTVHKNL DGLL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 610-669 of human Glutaminase (Glutaminase (GLS) ) (NP_055720.3).

### ADDITIONAL INFORMATION

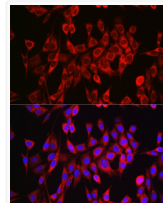
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



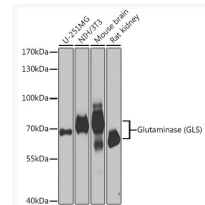
Immunofluorescence analysis of SH-SY5Y cells using Glutaminase (GLS) antibody (STJ23808) at dilution of 1:150. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Glutaminase (GLS) antibody (STJ23808) at dilution of 1:150. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Glutaminase (GLS) antibody (STJ23808) at dilution of 1:150. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Glutaminase (Glutaminase (GLS) ) antibody (STJ23808) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.