

Rabbit GYS1/Glycogen Synthase Polyclonal Antibody | anti-GYS1 antibody

Anti-GYS1/Glycogen Synthase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162314	Rabbit	Human Predicted: Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence

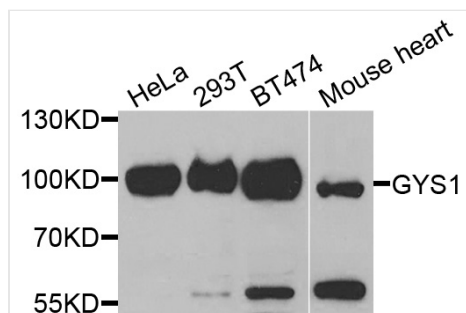
PRODUCT SYNONYMS

GYS1/Glycogen Synthase; Polyclonal Antibody; Anti-GYS1/Glycogen Synthase Antibody; Rabbit Polyclonal (IgG) to Human GYS1/Glycogen Synthase; GYS1; Glycogen synthase 1 (muscle); GSY; GYS; anti-GYS1 antibody

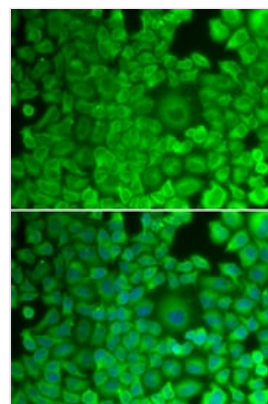
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Human GYS1/Glycogen Synthase
Purity/Purification	Affinity Purified
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	737
Applicable Applications for anti-GYS1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	Recombinant protein of human GYS1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

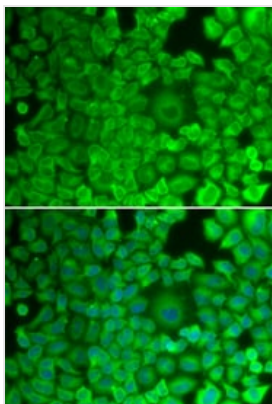
IMAGES


WB (Western Blot)

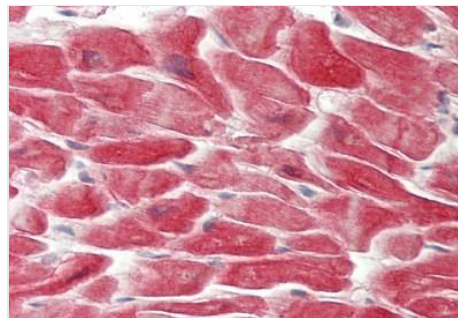
Western blot analysis of extracts of various cells.


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using GYS1 antibody. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells.



IHC (Immunohistochemistry)
Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-GYS1 antibody

GYS1/Glycogen Synthase catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of α -1, 4-glycoside linkages. Mutations in this gene are associated with muscle glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542868
NCBI GeneID	2997
NCBI Accession #	NP_002094.2
NCBI GenBank Nucleotide #	NM_002103.4
UniProt Accession #	P13807; Q9BTT9
Molecular Weight	76,483 Da
NCBI Official Full Name	glycogen
NCBI Official Synonym Full Names	glycogen synthase 1
NCBI Official Symbol	GYS1
NCBI Official Synonym Symbols	GSY; GYS
NCBI Protein Information	glycogen [starch] synthase, muscle
UniProt Protein Name	Glycogen [starch] synthase, muscle
UniProt Gene Name	GYS1
UniProt Synonym Gene Names	GYS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gys1-glycogen-synthase-antibody-western-blot-immunohistochemistry-immunohistochemistry-immunofluorescence-elisa/162314>