

Glycogen Synthase 1 Monoclonal Antibody | anti-GYS1 antibody

Glycogen Synthase 1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314371	Recombinant Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot

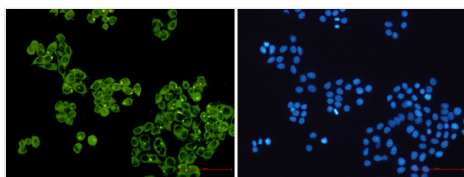
PRODUCT SYNONYMS

Glycogen Synthase 1; Monoclonal Antibody; Glycogen Synthase 1 Rabbit mAb; GSY; GYS; anti-GYS1 antibody

PRODUCT SPECIFICATIONS

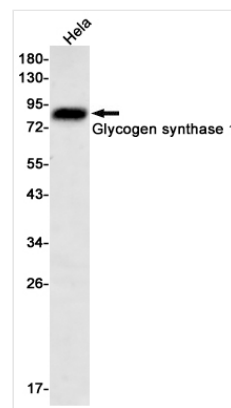
Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S02-2F3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-GYS1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human Glycogen synthase 1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of Glycogen synthase 1 (green) in HeLa using Glycogen synthase 1 Rabbit mAb at dilution 1/50, and DAPI(blue)



WB (Western Blot)

Western blot detection of Glycogen synthase 1 in HeLa cell lysates using Glycogen synthase 1 Rabbit mAb(1:500 diluted).Predicted band size:84kDa.Observed band size:84kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-GYS1 antibody	Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.
Product Categories/Family for anti-GYS1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	239049591
NCBI GeneID	2997
NCBI Accession #	NP_001155059.1
NCBI GenBank Nucleotide #	NM_001161587.1
UniProt Accession #	P13807; Q9BTT9
Molecular Weight	83,786 Da
NCBI Official Full Name	glycogen
NCBI Official Synonym Full Names	glycogen synthase 1 (muscle)
NCBI Official Symbol	GYS1
NCBI Official Synonym Symbols	GSY; GYS
NCBI Protein Information	glycogen [starch] synthase, muscle; glycogen [starch] synthase, muscle
UniProt Protein Name	Glycogen [starch] synthase, muscle
UniProt Gene Name	GYS1
UniProt Synonym Gene Names	GYS
UniProt Entry Name	GYS1_HUMAN

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/monoclonal/glycogen-synthase-1-antibody-clone-s02-2f3-immunofluorescence-western-blot-elisa/314371>