

Rabbit GYS1 Polyclonal Antibody | anti-GYS1 antibody

Rabbit anti-GYS1 (pS645) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223429	Rabbit	Human, Mouse, Rat, Bovine, Pig, Rabbit	Immunohistochemistry, Western Blot

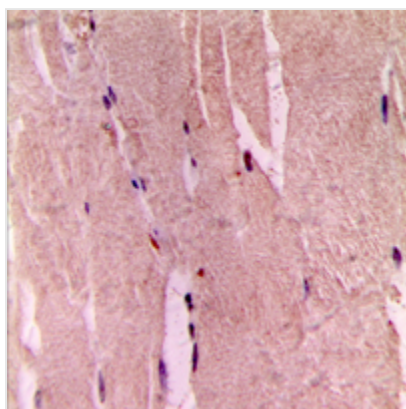
PRODUCT SYNONYMS

GYS1; Polyclonal Antibody; Rabbit anti-GYS1 (pS645) Antibody; GYS; Glycogen [starch] synthase; muscle; anti-GYS1 antibody

PRODUCT SPECIFICATIONS

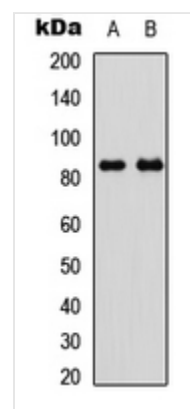
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GYS1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GYS1 (pS645). The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of GYS1 (pS645) staining in human skeletal muscle formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of GYS1 (pS645) expression in HeLa insulin-treated (A), NIH3T3 insulin-treated (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GYS1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	239049591
NCBI GeneID	2997
NCBI Accession #	NP_001155059.1
NCBI GenBank Nucleotide #	NM_001161587.1
UniProt Accession #	P13807; Q9Z1E4; A2RRU1
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://www.aaabiotech.com/polyclonal/gys1-antibody-immunohistochemistry-western-blot-elisa/223429>