

Anti-Glycogen synthase GYS1 Rabbit Monoclonal Antibody

Catalog # ABO14243

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P13807
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Glycogen synthase GYS1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	2997
Other Names	Glycogen [starch] synthase, muscle, 2.4.1.11, GYS1 (HGNC:4706), GYS
Calculated MW	83786
Application Details	WB 1:5000-1:20000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: GEF-7
Immunogen	A synthesized peptide derived from human Glycogen synthase
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	GYS1 (HGNC:4706)
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Synonyms

GYS

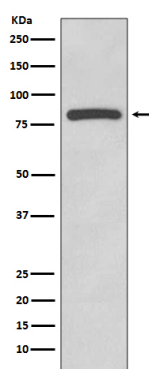
Function

Glycogen synthase participates in the glycogen biosynthetic process along with glycogenin and glycogen branching enzyme. Extends the primer composed of a few glucose units formed by glycogenin by adding new glucose units to it. In this context, glycogen synthase transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.

Tissue Location

Expressed in skeletal muscle and most other cell types where glycogen is present.

Images



Western blot analysis of Glycogen synthase expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.