

KD-Validated Anti-Phospho-Glycogen synthase 1 (S641) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1390

Product Information

Application	WB, FC, ICC
Primary Accession	P13807
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4070
Calculated MW	83786
Gene Name	GYS1
Aliases	GYS1; Glycogen Synthase 1; GSY; GYS; Glycogen [Starch] Synthase, Muscle; Glycogen Synthase 1 (Muscle); EC 2.4.1.11
Immunogen	A synthesized peptide derived from human Phospho-Glycogen synthase 1 (S641)

Additional Information

Gene ID	2997
Other Names	Glycogen [starch] synthase, muscle, 2.4.1.11, GYS1 (HGNC:4706), GYS

Protein Information

Name	GYS1 (HGNC:4706)
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.

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