

Product Datasheet

Phospho-Glycogen synthase 1 (S641) Antibody

Catalog No: CY5458

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP



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Information

UniProt ID: P13807

All Names: EC 2.4.1.11; glycogen [starch] synthase, muscle; glycogen synthase, muscle; GYS;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 85 kDa

Application

WB: 1:1000~1:2000

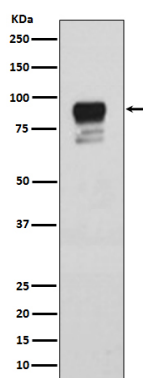
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

IP: 1:50

Background

Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan. Allosteric activation by glucose-6-phosphate. Phosphorylation reduces the activity towards UDP-glucose. When in the non-phosphorylated state, glycogen synthase does not require glucose-6-phosphate as an allosteric activator; when phosphorylated it does.



Western blot analysis of Phospho-Glycogen synthase 1 (S641) expression in HeLa cell lysate.

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