

Phospho-GYS1-S641 Rabbit mAb

Catalog No.: AP1129 **Recombinant**

Basic Information

Observed MW

85kDa

Calculated MW

84kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

CloneNo number

ARC0207

Background

The protein encoded by this gene catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of alpha-1,4-glycoside linkages. Mutations in this gene are associated with muscle glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2997

Swiss Prot

P13807

Immunogen

A synthetic phosphorylated peptide around S641 of human Glycogen synthase 1 (GYS1) (P13807).

Synonyms

GSY; GYS; Phospho-GYS1-S641

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

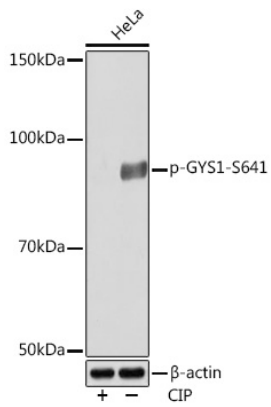
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Phospho-GYS1-S641 Rabbit mAb (A4774) at 1:1000 dilution. HeLa cells were treated by CIP(20uL/400ul) at 37°C for 1 hour.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.