

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

GLYCOGEN SYNTHASE 1 RABBIT MAB

Cat.#: N262289

Product Name: Anti-Glycogen Synthase 1 Rabbit Monoclonal Antibody

Synonyms: GYS1; GYS; Glycogen [starch] synthase; muscle

UNIPROT ID: P13807

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.

Immunogen: A synthetic peptide of human Glycogen synthase l

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R02-2F3

MW: Calculated MW: 84 kDa; Observed MW: 84 kDa

Isotype: IgG

Purification: Affinity Purified
Species Reactivity: Human,Rat
Conjugation: Unconjugated
Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

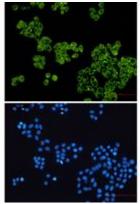
Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

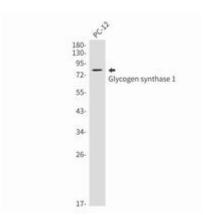


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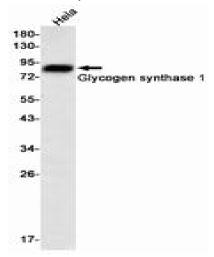
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Immunocytochemistry analysis of Glycogen synthase 1 (green) in Hela using Glycogen synthase 1 antibody,and DAPI(blue)



Western blot analysis of Glycogen synthase 1 in PC-12 lysates using Glycogen Synthase 1 antibody.



Western blot analysis of Glycogen synthase 1 in Hela lysates using Glycogen synthase 1 antibody.