## Glycogen synthase 1 (Phospho-Ser641) Rabbit mAb

Catalog No: #14158

Package Size: #14158-1 50ul #14158-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

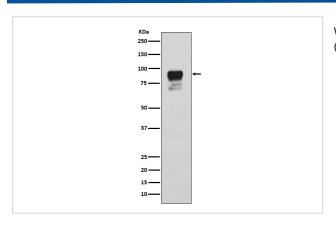
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Product Name	Glycogen synthase 1 (Phospho-Ser641) Rabbit mAb	
Host Species	Recombinant Rabbit	
Clonality	Monoclonal	
Isotype	Rabbit IgG	
Purification	Affinity-chromatography	
Applications	WB IHC ICC/IF	
Species Reactivity	Human;Mouse	
Specificity	Phospho-Glycogen synthase 1 (S641) Antibody detects endogenous levels of total Phospho-Glycogen	
	synthase 1 (S641)	
Immunogen Description	A synthesized peptide derived from human Phospho-Glycogen synthase 1 (S641)	
Conjugates	Unconjugated	
Other Names	glycogen [starch] synthase, muscle; glycogen synthase, muscle; GYS;	
Accession No.	Uniprot:P13807	
Calculated MW	84 kDa	
SDS-PAGE MW	85 kDa	
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.	
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.	

## **Application Details**

WB:1:1000~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200

## **Images**



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

## **Product Description**

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.