

Glycogen synthase 1 (Phospho-Ser641) Conjugated Antibody



Catalog No: #C14158

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

Package Size: #C14158-AF350 100ul #C14158-AF405 100ul #C14158-AF488 100ul

#C14158-AF555 100ul #C14158-AF594 100ul #C14158-AF647 100ul

#C14158-AF680 100ul #C14158-AF750 100ul #C14158-Biotin 100ul

Description

Product Name	Glycogen synthase 1 (Phospho-Ser641) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
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	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	glycogen [starch] synthase, muscle; glycogen synthase, muscle; GYS;
Accession No.	Uniprot:P13807
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	85kDa
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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