

## Anti-Phospho-GYS1 (Ser645) Polyclonal Antibody 2

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 83 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications

Application:	WB,IHC-P,IF(paraffin section),ELISA
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:5000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human Glycogen Synthase around the phosphorylation site of Ser645. AA range:611-660
Antigen Species:	human
Uniprot ID:	P13807
Synonyms:	GYS1 (p-Ser645);p-GYS1 (Ser645);GYS;Gys 1;Phospho-GYS1 (S645);p-GYS1 (S645);GYS1 (p-S645);GSY;Glycogen [starch] synthase;Glycogen synthase 1;muscle

### Research Background

glycogen synthase 1(GYS1) Homo sapiens 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.[provided by RefSeq, Sep 2009],

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