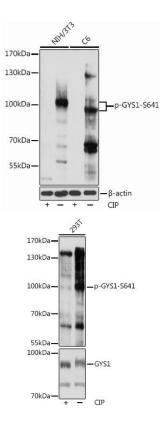
## Phospho-GYS1-S641 Rabbit Polyclonal Antibody

## CABP0877



<b>Protein Background</b> 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.	
	Immunogen information
	<b>Gene ID:</b> 2997
Uniprot P13807	
	<b>Synonyms:</b> GYS1; GSY; GYS
Immunogen:	
A phospho specific peptide corresponding to residues surrounding S641 of human GYS1	
<b>Storage:</b> Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.	

**Purification:** Affinity purification



Western blot analysis of extracts of various cell lines, using Phospho-GYS1-S641 antibody (CABP0877) at 1:1000 dilution.NIH/3T3 cells and C6 cells were treated by CIP(20uL/400ul) at 37'C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

Western blot analysis of extracts of 293T cells, using Phospho-GYS1-S641 pAb (CABP0877) at 1:1000 dilution or GYS1 antibody (CAB2519).293T cells were treated by CIP(20uL/400ul) at 37'C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.