

Anti-Phospho-GYS1 (Ser641) Antibody (6G822)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6G822
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in Hela whole cell lysate, HepG2 whole cell lysate (treated with Calyculin A or EGF)-All lanes Phospho-GYS1 antibody at 1.12 µg/ml-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 85 KDa-Observed band size: 85 KDa <p>2. Immunofluorescence staining of HepG2 cells with TMAH-00902 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).</p>
Application:	ELISA, IF, WB
Recommended	WB: 1:500-1:5000; IF: 1:20-1:200.

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 synthetic peptide: Human Phospho-GYS1 (S641)
Antigen Species:	Human
Gene ID:	2997
Uniprot ID:	P13807
Synonyms:	Gys 1; Glycogen synthase 1; p-GYS1 (Ser641); Glycogen [starch] synthase; GYS1 (p-S641); GYS; p-GYS1 (S641); GYS1 (p-Ser641); muscle; Phospho-GYS1 (S641); GSY
Biology Area:	Signal Transduction

Research Background

Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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