Glycogen Synthase Ab

References(1) Images(1)

Cat.#: AF6165 Concn.: ~1mg/ml Mol.Wt.: 85,89kDa Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02%

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLinkTM Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human Glycogen Synthase,

corresponding to a region within C-terminal amino acids.

Uniprot: P13807

Description: GYS1 muscle glycogen synthase 1. Transfers glucosyl residue from UDP-

glucose to glycogen. Regulated allosterically by glucose-6-phosphate, and

by PKA-mediated phosphorylation.



Western blot analysis of extracts from various samples, using Glycogen

Synthase Ab.

Lane 1: HepG2 treated with blocking peptide;

Lane 2: HepG2; Lane 3: B16f10;

Lane 4: Mouse brain.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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