

GYG1

Reactivity:Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:200 - 1:2000

Calculated MW:39kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human GYG1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GYG; GSD15;

Catalog #:A10218

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:2992

Isotype:IgG

Swiss Prot:P46976

Purity:Affinity purification

For research use only.

Background:

This gene encodes a member of the glycogenin family. Glycogenin is a glycosyltransferase that catalyzes the formation of a short glucose polymer from uridine diphosphate glucose in an autoglucosylation reaction. This reaction is followed by elongation and branching of the polymer, catalyzed by glycogen synthase and branching enzyme, to form glycogen. This gene is expressed in muscle and other tissues. Mutations in this gene result in glycogen storage disease XV. This gene has pseudogenes on chromosomes 1, 8 and 13 respectively. Alternatively spliced transcript variants encoding different isoforms have been identified.

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