

Gyg antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12923**Specification**

Gyg antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9R062
Other Accession	NM_013755 , NP_038783
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa

Gyg antibody - C-terminal region - Additional Information**Gene ID** 27357**Alias Symbol** **AU017667, Gyg1**
Other Names
Glycogenin-1, GN-1, GN1, 2.4.1.186, Gyg1, Gyg**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Gyg antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Gyg antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Gyg antibody - C-terminal region - Protein Information**Name** Gyg1 {ECO:0000312|MGI:MGI:1351614}**Function**

Glycogenin participates in the glycogen biosynthetic process along with glycogen synthase and glycogen branching enzyme. It catalyzes the formation of a short alpha (1,4)-glucosyl chain covalently attached via a glucose 1-O-tyrosyl linkage to internal tyrosine residues and these chains act as primers for the elongation reaction catalyzed by glycogen synthase.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P13280}. Nucleus {ECO:0000250|UniProtKB:P13280}.

Note=Localizes to glycogen granules (glycosomes) in the cytoplasm (By similarity). Cytosolic localization is dependent on the actin cytoskeleton (By similarity)
{ECO:0000250|UniProtKB:C4R941, ECO:0000250|UniProtKB:P13280}

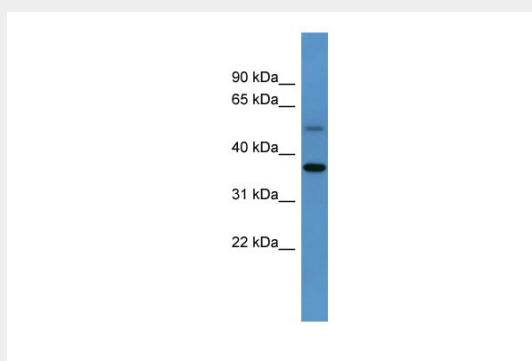
Tissue Location

Skeletal muscle, heart, to a lesser extent in kidney, lung and brain.

Gyg antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Gyg antibody - C-terminal region - Images

WB Suggested Anti-Gyg Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Mouse Kidney