

Datasheet for ABIN1537360
anti-Glycogenin 2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	Glycogenin 2 (GYG2)
Binding Specificity:	AA 457-483, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycogenin 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GYG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 457-483 amino acids from the C-terminal region of human GYG2.
Clone:	RB38596
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Glycogenin 2 (GYG2)
Alternative Name:	GYG2 (GYG2 Products)
Background:	This gene encodes a member of the the glycogenin family. Glycogenin is a self-glucosylating

Target Details

protein involved in the initiation reactions of glycogen biosynthesis. A gene on chromosome 3 encodes the muscle glycogenin and this X-linked gene encodes the glycogenin mainly present in liver, both are involved in blood glucose homeostasis. This gene has a short version on chromosome Y, which is 3' truncated and can not make a functional protein. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

Molecular Weight: 55184

Gene ID: 8908

NCBI Accession: [NP_001073324](#), [NP_001171631](#), [NP_001171632](#), [NP_001171633](#), [NP_003909](#)

UniProt: [O15488](#)

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

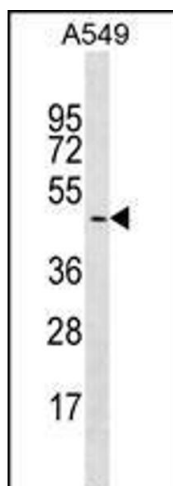
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: GYG2 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. GYG2 Antibody (C-term) (ABIN1537360 and ABIN2849924) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the GYG2 Antibody detected the GYG2 protein (arrow).