

Datasheet for ABIN7604995
anti-Glycogen Synthase 1 antibody



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Overview

Quantity:	100 µL
Target:	Glycogen Synthase 1 (GYS1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Glycogen Synthase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Glycogen synthase GYS1 Rabbit Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human Glycogen synthase
Clone:	GEF-7
Isotype:	IgG
Characteristics:	Anti-Glycogen synthase GYS1 Rabbit Monoclonal Antibody (ABIN7604995). Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	Glycogen Synthase 1 (GYS1)
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Target Details

Alternative Name:	GYS1 (GYS1 Products)
Background:	Synonyms: Glycogen [starch] synthase, muscle,2.4.1.11,GYS1,GYS, Tissue Specificity: Detected in oocytes (at protein level). Detected in brain cortex, hypothalamus, hippocampus and olfactory bulb. Detected in oocytes. .
Molecular Weight:	37 kDa
UniProt:	P13807
Pathways:	PI3K-Akt Signaling , AMPK Signaling , Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB 1:5000-1:20000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50 IP 1:50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
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:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.