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## Datasheet for ABIN389017 anti-GCS1 antibody (C-Term)

Image



#### Overview

Quantity:	400 µL
Target:	GCS1 (MOGS)
Binding Specificity:	AA 796-826, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCS1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This GCS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 796-826 amino acids from the C-terminal region of human GCS1.
Clone:	RB4963-4964
lsotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

### Target Details

Target:	GCS1 (MOGS)
Alternative Name:	GCS1 (MOGS Products)

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### Target Details

Background:	GCS1 cleaves the distal alpha 1,2-linked glucose residue from the Glc(3)Man(9)GlcNAc(2)
	oligosaccharide precursor in a highly specific manner. Defects in GCS1 are the cause of type IIb
	congenital disorder of glycosylation (CDGIIb). This syndrome is also known as glucosidase I
	deficiency and is characterized by marked generalized hypotonia and hypomotility of the
	neonate, dysmorphic features, including a prominent occiput, short palpebral fissures,
	retrognathia, high arched palate, generalized edema, and hypoplastic genitalia. Symptoms
	include hepatomegaly, hypoventilation, feeding problems and seizures. The clinical course is
	progressive and survival is at most a few months.

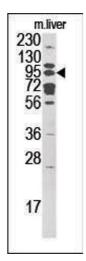
Molecular Weight:	91918
Gene ID:	7841
NCBI Accession:	NP_001139630, NP_006293
UniProt:	Q13724
Pathways:	SARS-CoV-2 Protein Interactome

### Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

### Handling

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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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** Western blot analysis of anti-GCS1 Pab (ABIN389017 and ABIN2839238) in mouse liver cell line lysate ( $35 \mu g$ /lane). GCS1(arrow) was detected using the purified Pab.

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