

Datasheet for ABIN238636

anti-GCNT3 antibody (Internal Region)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GCNT3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GCNT3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	C2GnT-M (aa 410 to 422)
Immunogen:	Peptide with sequence C-NKFDPKVDDNALQ, from the internal region (near C terminus) of the protein sequence according to NP_004742.1.
Sequence:	NKFDPKVDDN ALQ
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	GCNT3
Alternative Name:	GCNT3 (GCNT3 Products)
Background:	GCNT3, glucosaminyl (N-acetyl) transferase 3, mucin type , C2/4GnT, C2GnT-M, C2GnT2, GnT-M, beta1,6-N-acetylglucosaminyltransferase
Gene ID:	9245
NCBI Accession:	NP_004742
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Western Blot: Approx 55-60 kDa band observed in Human Duodenum lysates (calculated MW of 50.9 kDa according to NP_004742.1). In transfected HEK293 transiently expressing GCNT3 a band of approx. 55 kDa is observed. This band is not observed in the non-transf Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

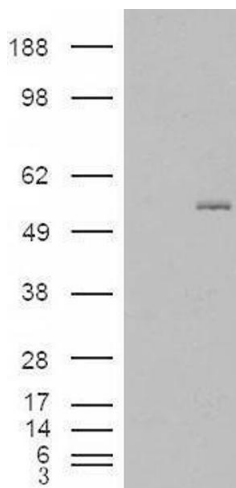
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Petrosyan, Ali, Verma, Cheng, Cheng: "Non-muscle myosin IIA transports a Golgi
-------------------	--

glycosyltransferase to the endoplasmic reticulum by binding to its cytoplasmic tail." in: **The international journal of biochemistry & cell biology**, Vol. 44, Issue 7, pp. 1153-65, (2012) ([PubMed](#)).



Western Blotting

Image 1. HEK293 overexpressing GCNT3 (ABIN5434272) and probed with ABIN238636 (mock transfection in first lane).



Image 2. ABIN238636 (0.1µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.