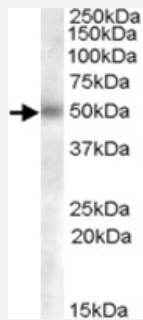


GCNT3 polyclonal antibody

Catalog # PAB7555

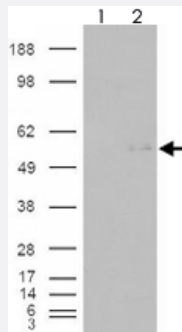
Size 100 ug

Applications



Western Blot (Tissue lysate)

GCNT3 polyclonal antibody (Cat # PAB7555) (0.3 ug/mL) staining of human lymph node lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Transfected lysate)

293 overexpressing GCNT3 and probed with GCNT3 polyclonal antibody (Cat # PAB7555) (mock transfection in first lane), tested by Origene.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of GCNT3.
Immunogen	A synthetic peptide corresponding to amino acids 273-284 of human GCNT3.
Sequence	C-RDTLHLTNKKKD
Host	Goat
Theoretical MW (kDa)	50.9
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:2000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

GCNT3 polyclonal antibody (Cat # PAB7555) (0.3 ug/mL) staining of human lymph node lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Transfected lysate)

293 overexpressing GCNT3 and probed with GCNT3 polyclonal antibody (Cat # PAB7555) (mock transfection in first lane), tested by Origene.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GCNT3

Entrez GeneID	9245
Protein Accession#	NP_004742.1
Gene Name	GCNT3
Gene Alias	C2/4GnT, C2GnT-M, C2GnT2, GnT-M
Gene Description	glucosaminyl (N-acetyl) transferase 3, mucin type
Omim ID	606836
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the N-acetylglucosaminyltransferase family. The encoded protein is a beta-6-N-acetylglucosamine-transferase that catalyzes the formation of core 2 and core 4 O-glycans on mucin-type glycoproteins

Other Designations

OTTHUMP00000163601|beta1,6-N-acetylglucosaminyltransferase

Publication Reference

- [Control of O-glycan branch formation. Molecular cloning and characterization of a novel thymus-associated core 2 beta1, 6-n-acetylglucosaminyltransferase.](#)

Schwientek T, Yeh JC, Levery SB, Keck B, Merkx G, van Kessel AG, Fukuda M, Clausen H.

The Journal of Biological Chemistry 2000 Apr; 275(15):11106.

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)