

Datasheet for ABIN1536973
anti-GNPTG antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	GNPTG
Binding Specificity:	AA 266-296, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNPTG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GNPTG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 266-296 amino acids from the C-terminal region of human GNPTG.
Clone:	RB37561
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GNPTG
Alternative Name:	GNPTG (GNPTG Products)
Background:	This gene encodes the gamma sunbunit of the N-acetylglucosamine-1-phosphotransferase

Target Details

complex. This hexameric complex, composed of alpha, beta and gamma subunits, catalyzes the first step in synthesis of a mannose 6-phosphate lysosomal recognition marker. This enzyme complex is necessary for targeting of lysosomal hydrolases to the lysosome. Mutations in the gene encoding the gamma subunit have been associated with mucopolipidosis IIIC, also known as mucopolipidosis III gamma.

Molecular Weight: 33974

Gene ID: 84572

NCBI Accession: [NP_115909](#)

UniProt: [Q9UJJ9](#)

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.

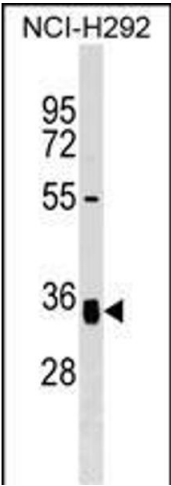
Preservative: Sodium azide

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: GNPTG 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. GNPTG Antibody (C-term) (ABIN1536973 and ABIN2849730) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the GNPTG antibody detected the GNPTG protein (arrow).