

Datasheet for ABIN928289
anti-GNPTAB antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GNPTAB
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNPTAB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	GNPTAB antibody was raised in rabbit using the N terminal of GNPTAB as the immunogen
Purification:	Purified

Target Details

Target:	GNPTAB
Alternative Name:	GNPTAB (GNPTAB Products)
Background:	This gene encodes two of three subunit types of the membrane-bound enzyme N-acetylglucosamine-1-phosphotransferase, a heterohexameric complex composed of two alpha, two beta, and two gamma subunits. The encoded protein is proteolytically cleaved at the Lys928-Asp929 bond to yield mature alpha and beta polypeptides while the gamma subunits are the product of a distinct gene (GeneID 84572). In the Golgi apparatus, the heterohexameric

Target Details

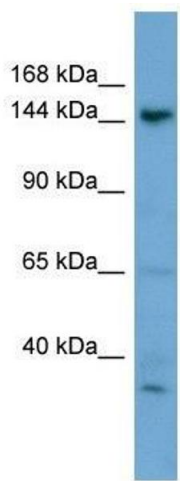
complex catalyzes the first step in the synthesis of mannose 6-phosphate recognition markers on certain oligosaccharides of newly synthesized lysosomal enzymes. These recognition markers are essential for appropriate trafficking of lysosomal enzymes. Synonyms: Polyclonal GNPTAB antibody, Anti-GNPTAB antibody, N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits antibody, DKFZp762B226 antibody, GNPTA antibody, ICD antibody, KIAA1208 antibody, MGC4170 antibody.

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	GNPTAB Blocking Peptide, catalog no. 33R-3031, is also available for use as a blocking control in assays to test for specificity of this GNPTAB antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. GNPTAB antibody used at 0.2-1 ug/ml to detect target protein.