

Datasheet for ABIN1539616
anti-GLB1 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	GLB1
Binding Specificity:	AA 81-109, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GLB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-109 amino acids from the N-terminal region of human GLB1.
Clone:	RB30395
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GLB1
Alternative Name:	GLB1 (GLB1 Products)

Target Details

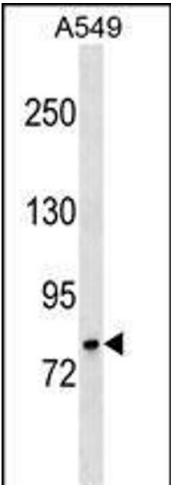
Background:	This gene encodes beta-galactosidase-1, a lysosomal enzyme that hydrolyzes the terminal beta-galactose from ganglioside substrates and other glycoconjugates. Defects in this gene are the cause of GM1-gangliosidosis and Morquio B syndrome. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	76075
Gene ID:	2720
NCBI Accession:	NP_000395 , NP_001073279 , NP_001129074
UniProt:	P16278
Pathways:	Glycosaminoglycan Metabolic Process

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:	GLB1 Antibody (N-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. GLB1 Antibody (N-term) (ABIN1539616 and ABIN2849143) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the GLB1 antibody detected the GLB1 protein (arrow).