## ANTIBODIES ONLINE

## Datasheet for ABIN635775 anti-GNS antibody (C-Term)

Image



Overview

1

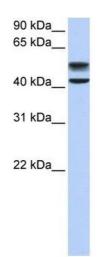
Quantity:	100 μL
Target:	GNS
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNS antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	GNS antibody was raised using the C terminal of GNS corresponding to a region with amino
	acids PILRGASNLTWRSDVLVEYQGEGRNVTDPTCPSLSPGVSQCFPDCVCEDA
Specificity:	GNS antibody was raised against the C terminal of GNS
Purification:	Affinity purified

## Target Details

Target:	GNS
Alternative Name:	GNS (GNS Products)
Background:	GNS is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin, heparin sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder ucopolysaccharidosis type IIID

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Target Details		
	(Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four subtypes of Sanfilippo syndrome.	
Molecular Weight:	58 kDa (MW of target protein)	
Pathways:	Glycosaminoglycan Metabolic Process	
Application Details		
Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.	
Comment:	GNS Blocking Peptide, catalog no. 33R-7159, is also available for use as a blocking control in assays to test for specificity of this GNS antibody	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GNS antibody in PBS	
Concentration:	Lot specific	
Buffer:	PBS	
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.	



## Western Blotting

**Image 1.** GNS antibody used at 1 ug/ml to detect target protein.

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