

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



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1 Image

Overview

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 PILRGASNLTWRSVDLVEYQGEGRNVTDPCTPSLSPGVSQCFPDCVCEDA
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

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.