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## Datasheet for ABIN5517087 **anti-NAGLU antibody (N-Term)**

### Overview

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

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human NAGLU
Sequence:	GVLLLAGAGG AAGDEAREAA AVRALVARLL GPGPAADFSV SVERALA AKP
Predicted Reactivity:	Cow: 83%, Dog: 92%, Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against ANAG. It was validated on Western Blot.
Purification:	Affinity purified

### Target Details

Target:	NAGLU
Alternative Name:	NAGLU ( <a href="#">NAGLU Products</a> )

## Target Details

Background:	<p>This gene encodes an enzyme that degrades heparan sulfate by hydrolysis of terminal N-acetyl-D-glucosamine residues in N-acetyl-alpha-D-glucosaminides. Defects in this gene are the cause of mucopolysaccharidosis type IIIB (MPS-IIIB), also known as Sanfilippo syndrome B. This disease is characterized by the lysosomal accumulation and urinary excretion of heparan sulfate.</p> <p>Alias Symbols: NAGLU, UFHSD1,</p> <p>Protein Interaction Partner: UBC, FBXO6,</p> <p>Protein Size: 743</p>
Gene ID:	4669
NCBI Accession:	<a href="#">NP_000254</a>
UniProt:	<a href="#">P54802</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.