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Datasheet for ABIN950380  
**anti-AGLU antibody (N-Term)**

2 Images

### Overview

Quantity:	0.4 mL
Target:	AGLU
Binding Specificity:	AA 173-203, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGLU antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	conjugated synthetic peptide between 173-203 amino acids from the N-terminal region of Human Alpha-glucosidase Genename: GAA
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Alpha-glucosidase (N-term).
Purification:	Protein A column, followed by peptide affinity purification

### Target Details

Target:	AGLU
Alternative Name:	alpha-Glucosidase ( <a href="#">AGLU Products</a> )

## Target Details

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Background:	<p>This gene encodes acid alpha-glucosidase, which is essential for the degradation of glycogen to glucose in lysosomes. Different forms of acid alpha-glucosidase are obtained by proteolytic processing. Defects in this gene are the cause of glycogen storage disease II, also known as Pompe's disease, which is an autosomal recessive disorder with a broad clinical spectrum.</p> <p>Three transcript variants encoding the same protein have been found for this gene. Synonyms: Acid maltase, Aglucosidase alfa, GAA, LYAG, Lysosomal alpha-glucosidase</p>
Molecular Weight:	105319 Da
Gene ID:	2548
NCBI Accession:	<a href="#">NP_000143</a>
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a>

## Application Details

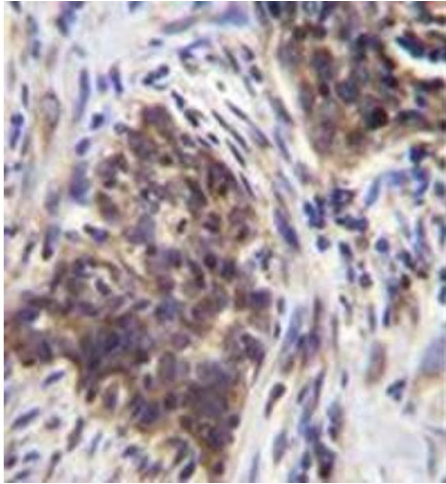
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

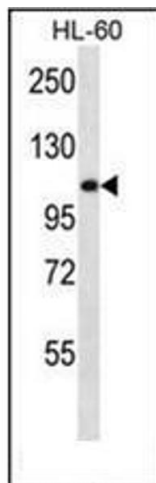
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Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma reacted with Alpha-glucosidase Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



### Western Blotting

**Image 2.** Western blot analysis of Alpha-glucosidase Antibody (N-term) in HL-60 cell line lysates (35ug/lane).