

Datasheet for ABIN7263675

**anti-GAA antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µL
Target:	GAA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAA antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	A synthetic peptide of human GAA (NP_000143.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	GAA
Alternative Name:	GAA ( <a href="#">GAA Products</a> )
Background:	This gene encodes lysosomal alpha-glucosidase, which is essential for the degradation of glycogen to glucose in lysosomes. The encoded preproprotein is proteolytically processed to generate multiple intermediate forms and the mature form of the enzyme. Defects in this gene are the cause of glycogen storage disease II, also known as Pompe's disease, which is an

## Target Details

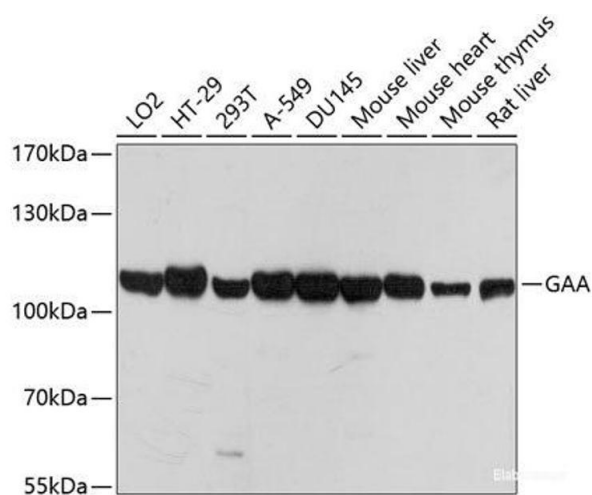
	autosomal recessive disorder with a broad clinical spectrum. Alternative splicing results in multiple transcript variants.
Molecular Weight:	Observed_MW: 105 kDa Calculated_MW: 105 kDa
Gene ID:	2548
UniProt:	<a href="#">P10253</a>
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a>

## Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using GAA Polyclonal Antibody at dilution of 1:1000.