

Datasheet for ABIN7439087
anti-GAA antibody (AA 755-953)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	GAA
Binding Specificity:	AA 755-953
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Glucosidase Alpha, Acid (GaA)
Immunogen:	Recombinant Glucosidase Alpha, Acid (GaA) corresponding to Val755~Ser953 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GaA. It has been selected for its ability to recognize GaA in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

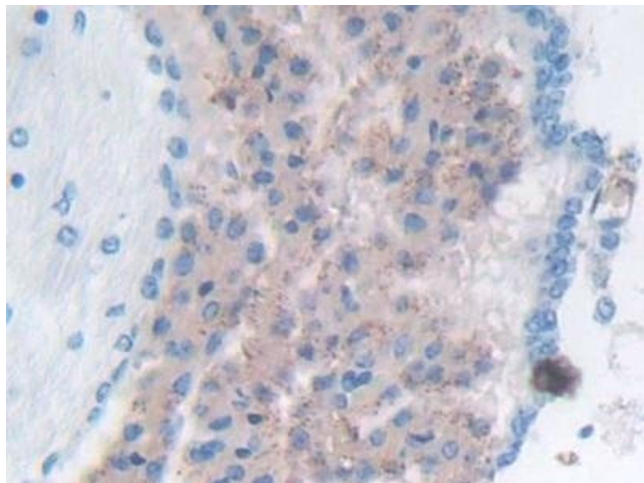
Target:	GAA
Alternative Name:	Glucosidase Alpha, Acid (GAA Products)
Background:	LYAG, Acid Alpha-Glucosidase, Lysosomal Alpha-Glucosidase, Pompe Disease Glycogen Storage Disease Type II, Acid Maltase, Aglucosidase Alfa
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:300-1200 Immunohistochemistry: 5-20 µg/mL 1:30-120 Immunocytochemistry: 5-20 µg/mL 1:30-120 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

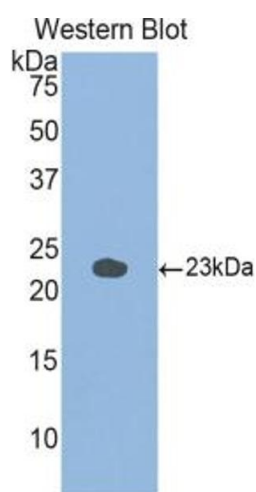
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



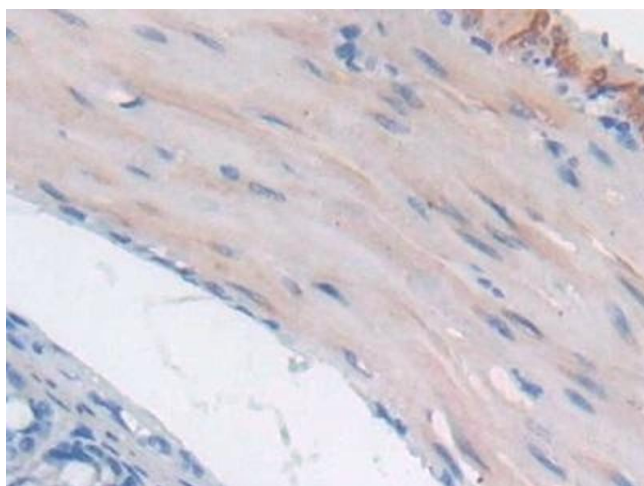
Immunohistochemistry

Image 1. Detection of GaA in Mouse Cerebrum Tissue using Polyclonal Antibody to Glucosidase Alpha, Acid (GaA)



Western Blotting

Image 2. Detection of Recombinant GaA, Mouse using Polyclonal Antibody to Glucosidase Alpha, Acid (GaA)



Immunohistochemistry

Image 3. Detection of GaA in Mouse Small intestine Tissue using Polyclonal Antibody to Glucosidase Alpha, Acid (GaA)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7439087.