

Datasheet for ABIN6989688 **anti-GAA antibody**



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Overview

Quantity:	100 µL
Target:	GAA
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This GAA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	Synthetic peptide within Human GAA.
Clone:	5H49
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	GAA
Alternative Name:	GAA (GAA Products)
Background:	Synonyms: 70 kDa lysosomal alpha-glucosidase antibody, Acid alpha glucosidase antibody,

Target Details

Acid maltase antibody, Aglucosidase alfa antibody, Alpha glucosidase antibody, GAA antibody, Glucosidase alpha acid (Pompe disease glycogen storage disease type II) antibody, Glucosidase alpha acid antibody, Glucosidase alpha antibody, LYAG antibody, LYAG_HUMAN antibody, Lysosomal alpha glucosidase antibody

Background: 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. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008].

Gene ID:	2548
UniProt:	P10253
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months