Alpha Glucosidase Antibody FITC Conjugated

Catalog No: #C02453F

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Description

Product Name	Alpha Glucosidase Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human GAA Glucosidase alpha
Conjugates	FITC
Target Name	GAA
Other Names	70 kDa lysosomal alpha-glucosidase; Acid alpha glucosidase; Acid maltase; Aglucosidase alfa; Alpha glucosidase; GAA; Glucosidase alpha acid Pompe disease glycogen storage disease type II; Glucosidase alpha acid; Glucosidase alpha; LYAG; LYAG_HUMAN; Lysosomal alpha glucosidase.
Accession No.	NCBI Gene ID2548
Uniprot	P10253
GeneID	2548;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

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].

Note: This product is for in vitro research use only