

Product Name: GAA (14G16) Rabbit Monoclonal Antibody
Catalog #: AMRe11221

Summary

Production Name	GAA (14G16) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	GAA
Alternative Names	Acid maltase; GAA; Glucosidase alpha acid; LYAG;
Gene ID	2548.0
SwissProt ID	P10253.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	105kDa

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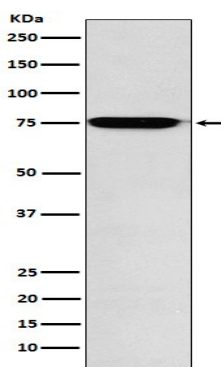


Background

Essential for the degradation of glycogen to glucose in lysosomes. Essential for the degradation of glycogen in lysosomes (PubMed:1856189, PubMed:7717400, PubMed:14695532, PubMed:18429042). Has highest activity on alpha-1,4-linked glycosidic linkages, but can also hydrolyze alpha-1,6-linked glucans (PubMed:29061980).

Research Area

Image Data



Western blot analysis of GAA expression in Human fetal liver lysate.

Note

For research use only.