

**Anti-GAA Rabbit Monoclonal Antibody**  
Catalog # ABO15967

**Specification**

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**Anti-GAA Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P10253</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-GAA Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

**Anti-GAA Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 2548

**Other Names**

Lysosomal alpha-glucosidase, 3.2.1.20, Acid maltase, Aglucosidase alfa, 76 kDa lysosomal alpha-glucosidase, 70 kDa lysosomal alpha-glucosidase, GAA

**Calculated MW**

110 kDa, 95 kDa, 76 kDa KDa

**Application Details**

WB 1:500-1:2000

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human GAA

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-GAA Rabbit Monoclonal Antibody - Protein Information**

**Name** GAA

### Function

Essential for the degradation of glycogen in lysosomes (PubMed:<a href="http://www.uniprot.org/citations/14695532" target="\_blank">14695532</a>, PubMed:<a href="http://www.uniprot.org/citations/18429042" target="\_blank">18429042</a>, PubMed:<a href="http://www.uniprot.org/citations/1856189" target="\_blank">1856189</a>, PubMed:<a href="http://www.uniprot.org/citations/7717400" target="\_blank">7717400</a>). Has highest activity on alpha-1,4-linked glycosidic linkages, but can also hydrolyze alpha-1,6-linked glucans (PubMed:<a href="http://www.uniprot.org/citations/29061980" target="\_blank">29061980</a>).

### Cellular Location

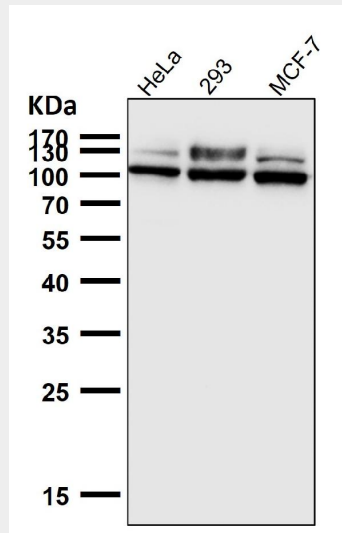
Lysosome. Lysosome membrane

### Anti-GAA Rabbit Monoclonal Antibody - Protocols

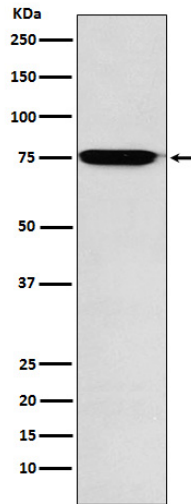
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-GAA Rabbit Monoclonal Antibody - Images



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



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