

**GAA Antibody**  
**Rabbit mAb**  
**Catalog # AP92550****Specification**

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**GAA Antibody - Product Information**

|                                                  |                        |
|--------------------------------------------------|------------------------|
| Application                                      | WB                     |
| Primary Accession                                | <a href="#">P10253</a> |
| Reactivity                                       | Rat                    |
| Clonality                                        | Monoclonal             |
| <b>Other Names</b>                               |                        |
| Acid maltase; GAA; Glucosidase alpha acid; LYAG; |                        |
| Isotype                                          | Rabbit IgG             |
| Host                                             | Rabbit                 |
| Calculated MW                                    | 105324 Da              |

**GAA Antibody - Additional Information**

|                              |                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dilution                     | WB~~1:1000                                                                                                                                                                        |
| Purification                 | Affinity-chromatography                                                                                                                                                           |
| Immunogen                    | A synthesized peptide derived from human GAA                                                                                                                                      |
| Description                  | Essential for the degradation of glycogen to glucose in lysosomes.                                                                                                                |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

**GAA 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**

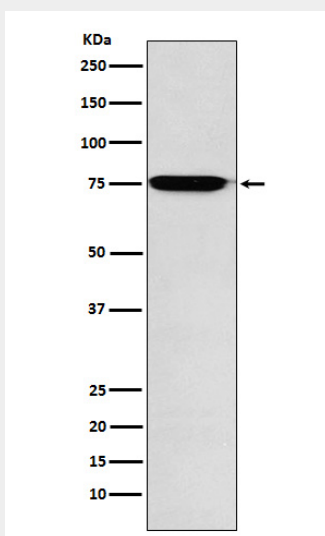
Lysosome. Lysosome membrane

## GAA 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](#)

## GAA Antibody - Images



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