

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

## Specification

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### GAA Antibody - Product Information

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

### GAA Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human GAA</b>
Description	<b>Essential for the degradation of glycogen to glucose in lysosomes.</b>
Storage Condition and Buffer	<b>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.</b>

### GAA Antibody - Protein Information

**Name** GAA

#### Function

Essential for the degradation of glycogen in lysosomes (PubMed:[14695532](http://www.uniprot.org/citations/14695532), PubMed:[18429042](http://www.uniprot.org/citations/18429042), PubMed:[1856189](http://www.uniprot.org/citations/1856189), PubMed:[7717400](http://www.uniprot.org/citations/7717400)). Has highest activity on alpha-1,4-linked glycosidic linkages, but can also hydrolyze alpha-1,6-linked glucans (PubMed:[29061980](http://www.uniprot.org/citations/29061980)).

#### Cellular Location

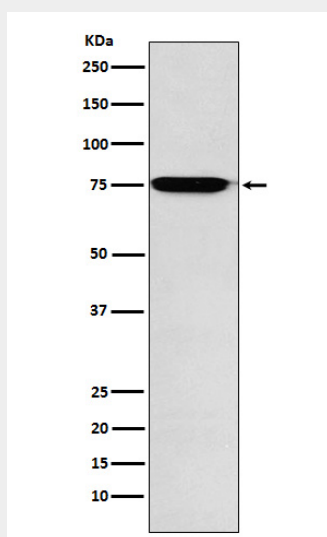
Lysosome. Lysosome membrane

### 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.