BT LAB
Bioassay Technology Laboratory

*Optimize Your Research*

# LYAG Rabbit Polyclonal Antibody

## Description

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|---|---|
| **Product type** | Primary Antibody |
| **Code** | BT-AP03502 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Size** | 100ul, 50ul, 20ul |
| **Immunogen** | Synthesized peptide derived from human LYAG |
| **Mol wt** | N/A |
| **Species reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Recommended application** | WB |
| **Concentration** | 1 mg/ml |
| **Full name** | LYAG |
| **Synonyms** | LYAG; Lysosomal alpha-glucosidase; EC 3.2.1.20; Acid maltase; Aglucosidase alfa; 76 kDa lysosomal alpha-glucosidase; 70 kDa lysosomal alpha-glucosidase; |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

## Background

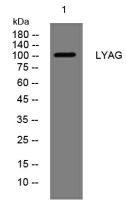
This gene encodes lysosomal alpha-glucosidase| which is essential for the degradation of glycogen to glucose in lysosomes. The encoded preproprotein is proteolytically processed to generate multiple intermediate forms and the mature form of the enzyme. Defects in this gene are the cause of glycogen storage disease II| also known as Pompe's disease| which is an autosomal recessive disorder with a broad clinical spectrum. Alternative splicing results in multiple transcript variants.

## Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

## Images




Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°C overnight

## Storage

-20°C for 1 year

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