

Datasheet for ABIN7438184
anti-GLA antibody (AA 147-371)

3 Images

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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | GLA |
| Binding Specificity: | AA 147-371 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GLA antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|---------------|--|
| Purpose: | Polyclonal Antibody to Galactosidase Alpha (GLa) |
| Immunogen: | Recombinant Galactosidase Alpha (GLa) corresponding to Gly147~Ser371 with Two N-terminal Tags, His-tag and SUMO-tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against GLa. It has been selected for its ability to recognize GLa in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|---------|-----|
| Target: | GLA |
|---------|-----|

Target Details

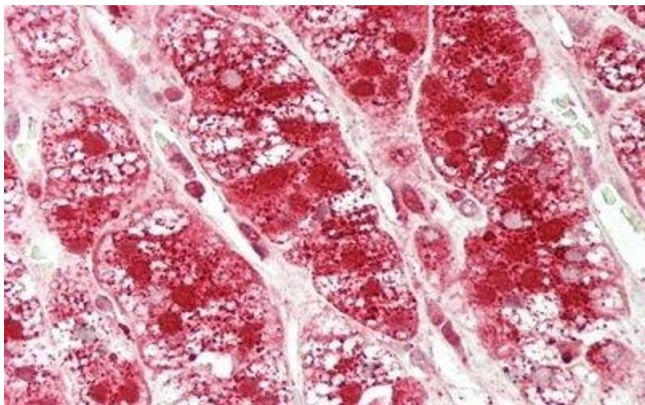
| | |
|-------------------|--|
| Alternative Name: | Galactosidase Alpha (GLA Products) |
| Background: | GALA, GL-A, Alpha-D-Galactoside Galactohydrolase, Alpha-D-Galactosidase A, Melibiase, Agalsidase |
| Pathways: | SARS-CoV-2 Protein Interactome |

Application Details

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| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

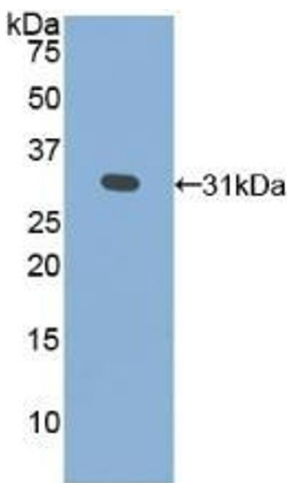
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



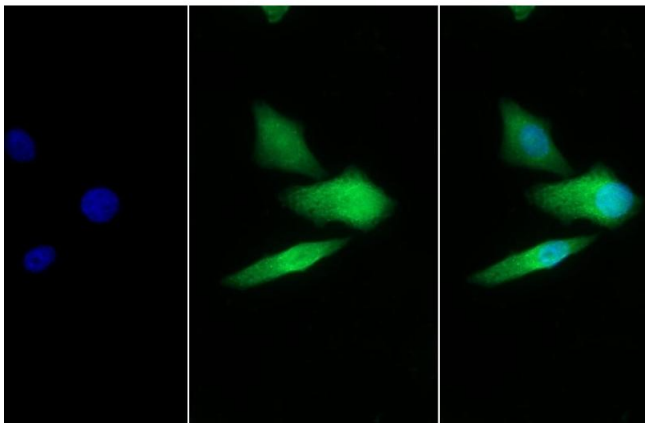
Immunohistochemistry

Image 1. Detection of GLa in Human Adrenal Gland Tissue using Polyclonal Antibody to Galactosidase Alpha (GLa)



Western Blotting

Image 2. Detection of Recombinant GLa, Human using Polyclonal Antibody to Galactosidase Alpha (GLa)



Immunofluorescence

Image 3. Detection of GLa in Human HeLa cell using Polyclonal Antibody to Galactosidase Alpha (GLa)