# antibodies

## Datasheet for ABIN2855883 anti-EPM2A antibody (C-Term)

4 Images



## Overview

| Quantity:            | 100 μL   |
|----------------------|--|
| Target:              | EPM2A  |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This EPM2A antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC) |

## Product Details

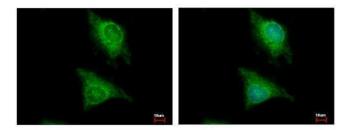
| Immunogen:       | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Laforin. The exact sequence is proprietary. |
|------------------|--|
| Isotype:         | lgG  |
| Characteristics: | Rabbit Polyclonal antibody to Laforin (laforin)<br>Laforin antibody [C2C3], C-term   |
| Purification:    | Purified by antigen-affinity chromatography.   |
| Target Details   |  |

## Target: EPM2A Alternative Name: Laforin (EPM2A Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2855883 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

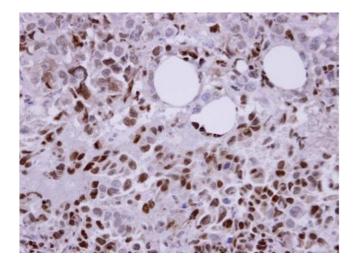
| Target Details      |   |
|---------------------|---|
| Background:         | This gene encodes a dual-specificity phosphatase that associates with polyribosomes. The encoded protein may be involved in the regulation of glycogen metabolism. Mutations in this gene have been associated with myoclonic epilepsy of Lafora. Alternative splicing results in multiple transcript variants.   |
|                     | Cellular Localization: Cytoplasm , Isoform 1: Endoplasmic reticulum , Cell membrane , Isoform<br>2: Endoplasmic reticulum , Nucleus   |
| Molecular Weight:   | 37 kDa  |
| Gene ID:            | 7957  |
| Pathways:           | Cellular Glucan Metabolic Process   |
| Application Details |   |
| Application Notes:  | Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:10000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:10000* |
| Comment:            | Positive Control: 293T , A431 , HeLa , HepG2 , Raji   |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Format:             | Liquid  |
| Concentration:      | 1 mg/mL   |
| Buffer:             | 1XPBS, 40 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.  |
| Preservative:       | Thimerosal (Merthiolate)  |
| Precaution of Use:  | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:            | -20 °C  |
| Storage Comment:    | Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.  |

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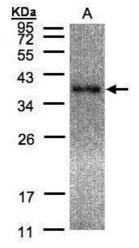
### Immunofluorescence

**Image 1.** ICC/IF Image Laforin antibody [C2C3], C-term detects EPM2A protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: EPM2A protein stained by Laforin antibody [C2C3], C-term , diluted at 1:500. Blue: Hoechst 33343 staining.



## Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded CL1-0 xenograft, using Laforin, antibody at 1:100 dilution.



## Western Blotting

**Image 3.** WB Image Sample(30 µg of whole cell lysate) A:Raji, 12% SDS PAGE antibody diluted at 1:5000

Please check the product details page for more images. Overall 4 images are available for ABIN2855883.

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