

Datasheet for ABIN533790  
**anti-EPM2A antibody (AA 243-331)**[Go to Product page](#)

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## Overview

Quantity:	100 µL
Target:	EPM2A
Binding Specificity:	AA 243-331
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPM2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant EPM2A.
Immunogen:	Recombinant protein corresponding to amino acids 243-331 of human EPM2A.
Clone:	K2A3
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	EPM2A
Alternative Name:	Laforin ( <a href="#">EPM2A Products</a> )

## Target Details

Gene ID:	7957
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a>

## Application Details

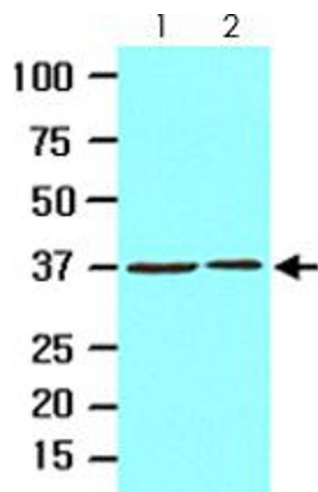
Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	In PBS, pH 7.4 (10 % glycerol, 0.02 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

## Publications

Product cited in:	<p>Tagliabracci, Turnbull, Wang, Girard, Zhao, Skurat, Delgado-Escueta, Minassian, Depaoli-Roach, Roach: "Laforin is a glycogen phosphatase, deficiency of which leads to elevated phosphorylation of glycogen in vivo." in: <b>Proceedings of the National Academy of Sciences of the United States of America</b>, Vol. 104, Issue 49, pp. 19262-6, (2007) (<a href="#">PubMed</a>).</p> <p>Wang, Parker, Skurat, Raben, DePaoli-Roach, Roach: "Relationship between glycogen accumulation and the laforin dual specificity phosphatase." in: <b>Biochemical and biophysical research communications</b>, Vol. 350, Issue 3, pp. 588-92, (2006) (<a href="#">PubMed</a>).</p> <p>Ganesh, Delgado-Escueta, Suzuki, Francheschetti, Riggio, Avanzini, Rabinowicz, Bohlega, Bailey, Alonso, Rasmussen, Thomson, Ochoa, Prado, Medina, Yamakawa: "Genotype-phenotype correlations for EPM2A mutations in Lafora's progressive myoclonus epilepsy: exon 1 mutations associate with an early-onset cognitive deficit subphenotype." in: <b>Human molecular genetics</b>, Vol. 11, Issue 11, pp. 1263-71, (2002) (<a href="#">PubMed</a>).</p>
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**Image 1.** Cell lysates of HeLa (lane 1) and 293T (lane 2) (20 ug) were resolved by SDS-PAGE and probed with EPM2A monoclonal antibody, clone k2A3 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.