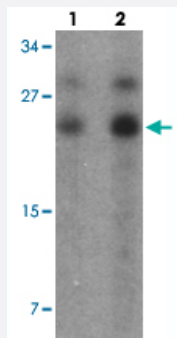


# EPM2A polyclonal antibody

Catalog # PAB25630      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of EPM2A in SW480 cell lysate with EPM2A polyclonal antibody (Cat # PAB25630) at (1) 1 and (2) 2 ug/mL.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of EPM2A.
<b>Immunogen</b>	A synthetic peptide corresponding to 17 amino acids at C-terminus of human EPM2A.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	36
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	At least four isoforms of EPM2A are known to exist; this antibody will detect all but the shortest isoform.
<b>Form</b>	Liquid
<b>Purification</b>	Peptide affinity purification
<b>Concentration</b>	1 mg/mL
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.05% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of EPM2A in SW480 cell lysate with EPM2A polyclonal antibody (Cat # PAB25630) at (1) 1 and (2) 2 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — EPM2A

Entrez GeneID	<a href="#">7957</a>
Protein Accession#	<a href="#">NP_005661</a>
Gene Name	EPM2A
Gene Alias	EPM2, MELF
Gene Description	epilepsy, progressive myoclonus type 2A, Lafora disease (laforin)
Omim ID	<a href="#">254780</a> <a href="#">607566</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000017360 epilepsy, progressive myoclonus type 2, Lafora disease (laforin) laforin

## Disease

- [Epilepsy](#)

- [Lafora Disease](#)