

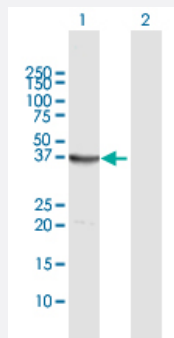
MaxPab®

EPM2A MaxPab rabbit polyclonal antibody (D01)

Catalog # H00007957-D01

Size 100 uL

Applications

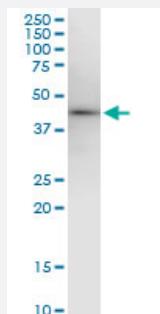


Western Blot (Transfected lysate)

Western Blot analysis of EPM2A expression in transfected 293T cell line ([H00007957-T02](#)) by EPM2A MaxPab polyclonal antibody.

Lane 1: EPM2A transfected lysate(37.2 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of EPM2A transfected lysate using anti-EPM2A MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with EPM2A MaxPab mouse polyclonal antibody (B01) ([H00007957-B01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human EPM2A protein.

Immunogen

EPM2A (AAH70047.1, 1 a.a. ~ 331 a.a) full-length human protein.

Sequence

MRFRFGVVPPAVAGARPELLVVGSRPELGRWEPRGAVRLRPAGTAAGDGALALQEPGLWLGEVELAAEEAAQDGAEPGRVDTFWYKFLKREPGGELSWEANGPHHRCCTYNENNLVDGVYCLPIGHWIEATGHTNEMKHTTDFYFNIAGHQAMHYSRILPNWLGSCPRQVEHVTIKLKHELGITAVMNFKTEWDIVQNSSGCNRYPEPMTPTMILYREEGLAYWMPTPDMSTEGRVQMLPQAVCLLHALLEKGHIVYVHCNAGVGRSTAAVCGWLQYVMGWNLRKVQYFLMAKRPVYIDEEALARAQEDFFQKFGKVRSSVCSL

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — EPM2A

Entrez GeneID	7957
GeneBank Accession#	BC070047.1
Protein Accession#	AAH70047.1
Gene Name	EPM2A
Gene Alias	EPM2, MELF
Gene Description	epilepsy, progressive myoclonus type 2A, Lafora disease (laforin)
Omim ID	254780 607566
Gene Ontology	Hyperlink

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

Publication Reference

- [Lafora progressive myoclonus-epilepsy: Laforin targets malin to glycogen.](#)

Sharmistha Mitra, Baozhi Chen, Peixiang Wang, Erin E Chown, Mathew Dear, Dikran R Guisso, Ummay Mariam, Jun Wu, Emrah Gumusgoz, Berge A Minassian.

Disease Models & Mechanisms 2023 Jan; 16(1):dmm049802.

Application: WB-Ti, Mouse , Mouse brain, Mouse heart, Mouse liver, Mouse muscle

Disease

- [Epilepsy](#)
- [Lafora Disease](#)