

## Rabbit anti-Human EPM2A Polyclonal Antibody | anti-EPM2A antibody

EPM2A Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA232106 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

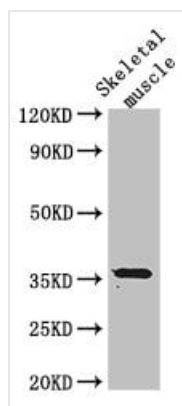
### PRODUCT SYNONYMS

EPM2A; Polyclonal Antibody; EPM2A Antibody; Laforin; isoform 91 Publication; EPM2A1; anti-EPM2A antibody

### PRODUCT SPECIFICATIONS

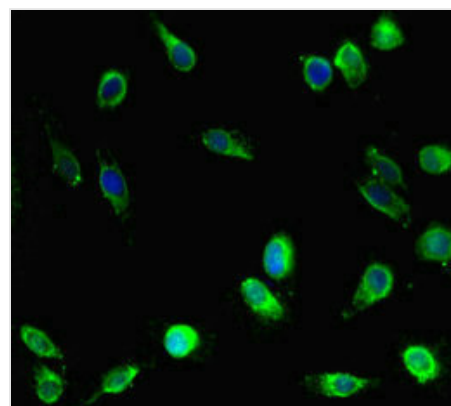
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | >95%, Protein G purified                                                                                       |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 344                                                                                                            |
| Applicable Applications for anti-EPM2A antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                  |
| Species                                         | Human                                                                                                          |
| Immunogen                                       | Recombinant human Laforin, isoform 9 protein                                                                   |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Buffer                                          | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                               |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



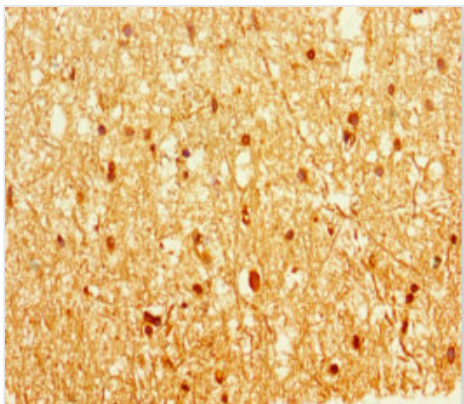
#### WB (Western Blot)

Western Blot Positive WB detected in: Mouse skeletal muscle tissue  
All lanes: EPM2A antibody at 3ug/ml  
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution  
Predicted band size: 36 kDa  
Observed band size: 36 kDa



#### IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells using AAA232106 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human brain tissue using AAA232106 at dilution 1:100

ADDITIONAL INFORMATION

|                                                     |                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------|
| Related Product Information for anti-EPM2A antibody | negative regulation of TOR signaling, positive regulation of macroautophagy |
|-----------------------------------------------------|-----------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 380876884                                                         |
| NCBI GeneID                      | 7957                                                              |
| UniProt Accession #              | B3EWF7; O95278                                                    |
| Molecular Weight                 | 20,256 Da                                                         |
| NCBI Official Full Name          | Laforin, isoform 9                                                |
| NCBI Official Synonym Full Names | epilepsy, progressive myoclonus type 2A, Lafora disease (laforin) |
| NCBI Official Symbol             | EPM2A                                                             |
| NCBI Official Synonym Symbols    | EPM2; MELF                                                        |
| NCBI Protein Information         | laforin                                                           |
| UniProt Protein Name             | Laforin, isoform 9                                                |
| UniProt Gene Name                | EPM2A                                                             |
| UniProt Entry Name               | EP2A2_HUMAN                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/epm2a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232106>