

# Product Datasheet

## Laforin/EPM2A Antibody (4A12) - Azide and BSA Free H00007957-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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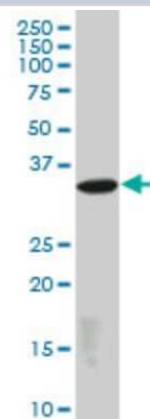
**H00007957-M01**

Laforin/EPM2A Antibody (4A12) - Azide and BSA Free

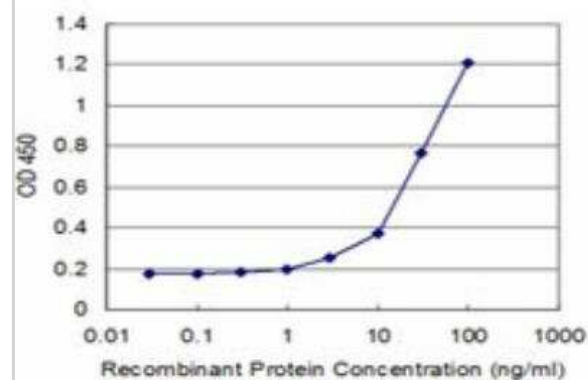
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4A12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	7957
<b>Gene Symbol</b>	EPM2A
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	EPM2A - epilepsy, progressive myoclonus type 2A, Lafora disease (laforin) (4A12)
<b>Immunogen</b>	EPM2A (NP_001018051, 101 a.a. ~ 199 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GNGPHHDCCTYNENNLVDGVYCLPIGHWIEATGHTNEMKHTTDFYFNIAGHQ AMHYSRILPNIWLGSCPRQVEHVTIKLNKHELGITAVMNFQTEWDIV
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunoprecipitation
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

## Images

Western Blot: Laforin/EPM2A Antibody (4A12) [H00007957-M01] - EPM2A monoclonal antibody (M01), clone 4A12. Analysis of EPM2A expression in PC-12.



ELISA: Laforin/EPM2A Antibody (4A12) [H00007957-M01] - Detection limit for recombinant GST tagged EPM2A is approximately 3ng/ml as a capture antibody.



## Publications

Sherwood AR, Johnson MB, Delgado-Escueta AV, Gentry MS. A Bioassay for Lafora Disease and Laforin Glucan Phosphatase Activity. Clin Biochem. 2013-09-06 [PMID: 24012855]



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### **Products Related to H00007957-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00007957-P01-10ug	Recombinant Human Laforin/EPM2A GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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