Datasheet for ABIN356954

anti-EPM2A antibody (C-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	EPM2A
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPM2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human EPM2A.
Isotype:	Ig Fraction
Specificity:	This antibody detects EPM2A at C-term.
Purification:	Protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	EPM2A
Alternative Name:	Laforin (EPM2A Products)

Target Details

Background:	EPM2A is a dual-specificity phosphatase that associates with polyribosomes. The encoded protein may be involved in the regulation of glycogen metabolism. Mutations have been associated with myoclonic epilepsy of Lafora.Synonyms: EC=3.1.3.16, EC=3.1.3.48, EPM2A, LAFPTPase, Lafora PTPase, Laforin
Molecular Weight:	37158 Da
Gene ID:	7957, 9606
UniProt:	O95278
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	ELISA 1: 1,000. Western blot 1: 50 - 1: 100. Immunohistochemistry 1: 10 - 1: 50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

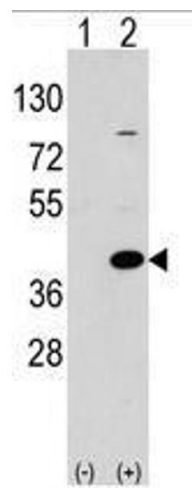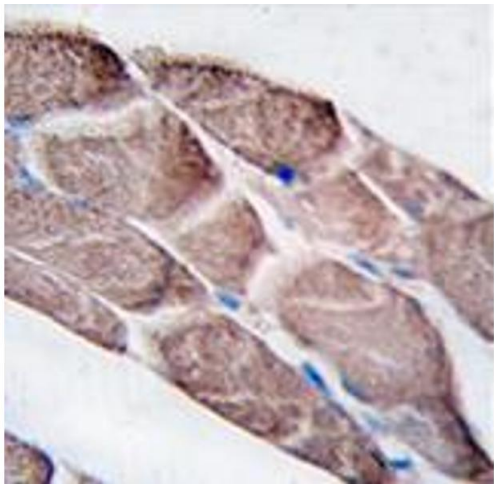|	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Images