



Human EPM2A blocking peptide (CDBP1719)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Laforin (isoform a) antibody
Antigen Description	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, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	EPM2A epilepsy, progressive myoclonus type 2A, Lafora disease (laforin) [Homo sapiens (human)]
Official Symbol	EPM2A
Synonyms	EPM2A; epilepsy, progressive myoclonus type 2A, Lafora disease (laforin); EPM2; MELF; laforin; LAFPTase; lafora PTPase; glucan phosphatase; epilepsy, progressive myoclonus type 2, Lafora disease (laforin);

Entrez Gene ID	7957
mRNA Refseq	NM_001018041.1
Protein Refseq	NP_001018051.1
UniProt ID	O95278
Chromosome Location	6q24
Pathway	Glucose metabolism, organism-specific biosystem; Glycogen synthesis, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem;
Function	carbohydrate phosphatase activity; carbohydrate phosphatase activity; protein binding; protein serine/threonine phosphatase activity; protein serine/threonine phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine phosphatase activi