SYN1 (Human) Cell-Based ELISA Kit

Catalog # KA3513 Size 1 Kit

Specification

Product Description	SYN1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of SYN1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — SYN1

Entrez GeneID	6853
Gene Name	SYN1
Gene Alias	SYN1a, SYN1b, SYNI
Gene Description	synapsin I
Omim ID	300491 313440

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Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases. This member of the synapsin family plays a role in regulation of axonogenesis and synaptogenesis. The protein encoded serves as a substrate for several different protein kinases and phosphorylation may function in the regulation of this protein in the nerve terminal. Mutations in this gene may be associated with X-linked disorders with primary neuronal degeneration such as Rett syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	OTTHUMP00000023229|OTTHUMP00000023230|brain protein 4.1

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Mental Disorders

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