

Rat Synaptopodin, SYNPO ELISA Kit | SYNPO elisa kit

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CATALOG #
AAA123399

REACTIVITY
Rat

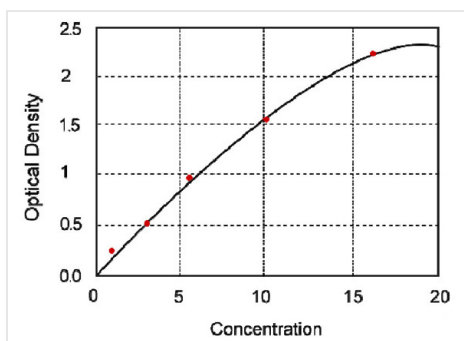
PRODUCT SYNONYMS

Synaptopodin; SYNPO; Rat Synaptopodin; SYNPO ELISA Kit; SYNPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	685
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	3-900ng/L
Sensitivity	1.54ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SYNPO elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat SYNPO antibody. SYNPO present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat SYNPO Antibody is added and binds to SYNPO in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SYNPO antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat SYNPO. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Synaptopodin (also known as SYNPO) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158303333
NCBI GeneID	11346
NCBI GenBank Nucleotide #	NP_001103444.1
UniProt Accession #	Q8N3V7
NCBI Official Full Name	synaptopodin isoform B
NCBI Official Synonym Full Names	synaptopodin
NCBI Official Symbol	SYNPO
NCBI Protein Information	synaptopodin
UniProt Protein Name	Synaptopodin
UniProt Gene Name	SYNPO
UniProt Synonym Gene Names	KIAA1029
UniProt Entry Name	SYNPO_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/synaptopodin-synpo/123399>