

Mouse Synaptopodin 2 (SYNPO2) ELISA Kit | SYNPO2 elisa kit

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CATALOG #
AAA66297

REACTIVITY
Mouse

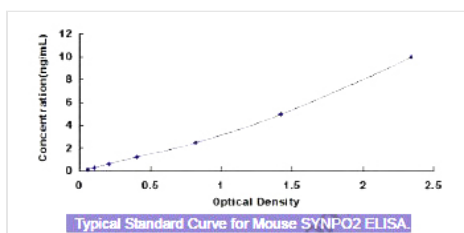
PRODUCT SYNONYMS

Synaptopodin 2 (SYNPO2); Mouse Synaptopodin 2 (SYNPO2) ELISA Kit; Myopodin; Genethonin-2; SYNPO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SYNPO2. No significant cross-reactivity or interference between SYNPO2 and analogues was observed.
Sequence Length	1257
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SYNPO2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SYNPO2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SYNPO2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SYNPO2 in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SYNPO2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SYNPO2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SYNPO2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SYNPO2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226958463
NCBI GeneID	118449
NCBI Accession #	NP_536699.2
NCBI GenBank Nucleotide #	NM_080451.2
UniProt Accession #	E9Q1U2; Q91YE8
Molecular Weight	135,757 Da
NCBI Official Full Name	synaptopodin-2
NCBI Official Synonym Full Names	synaptopodin 2
NCBI Official Symbol	Synpo2
NCBI Official Synonym Symbols	Myo; AI848603; 1110069I04Rik; 2310068J10Rik; 9530006G20Rik
NCBI Protein Information	synaptopodin-2
UniProt Protein Name	Synaptopodin-2
UniProt Gene Name	Synpo2

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/synaptopodin-2-synpo2/66297>