

Mouse Synaptotagmin-Like Protein 2 (SYTL2) ELISA Kit | SYTL2 elisa kit

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CATALOG #
AAA332323

REACTIVITY
Mouse

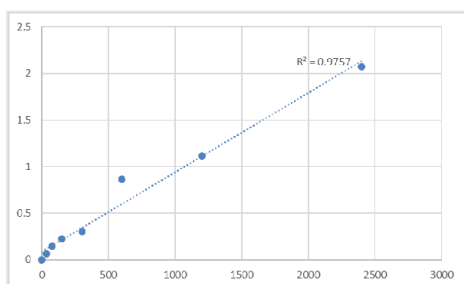
PRODUCT SYNONYMS

Synaptotagmin-Like Protein 2 (SYTL2); Mouse Synaptotagmin-Like Protein 2 (SYTL2) ELISA Kit; SYTL2; CHR11SYT; EXO4; FLJ21219; FLJ34802; FLJ42764; FLJ45597; KIAA1597; MGC102768; SGA72M; SLP2; SLP2A; breast cancer-associated antigen SGA-72M; chromosome 11 synaptotagmin; exophilin-4; SYTL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Synaptotagmin-like protein 2 (SYTL2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SYTL2. No significant cross-reactivity or interference between Mouse SYTL2 and analogues was observed.
Sequence Length	934
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Synaptotagmin-like protein 2 (SYTL2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SYTL2 elisa kit	Description: This Mouse Synaptotagmin-like protein 2 (SYTL2) ELISA Kit employs a two-site sandwich ELISA to quantitate SYTL2 in samples. An antibody specific for SYTL2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SYTL2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SYTL2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SYTL2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The protein encoded by SYTL2 is a synaptotagmin-like protein (SLP) that belongs to a C2 domain-containing protein family. The SLP homology domain (SHD) of this protein has been shown to specifically bind the GTP-bound form of Ras-related protein Rab-27A (RAB27A). SYTL2 plays a role in RAB27A-dependent vesicle trafficking and controls melanosome distribution in the cell periphery. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	91718889
NCBI GeneID	83671
NCBI Accession #	NP_001035174.1
NCBI GenBank Nucleotide #	NP_001035174.1
UniProt Accession #	Q99N50
NCBI Official Full Name	synaptotagmin-like protein 2 isoform 2
NCBI Official Synonym Full Names	synaptotagmin-like 2
NCBI Official Symbol	Sytl2
NCBI Official Synonym Symbols	Slp2; AI266830; mKIAA1597
NCBI Protein Information	synaptotagmin-like protein 2
UniProt Protein Name	Synaptotagmin-like protein 2
UniProt Gene Name	Sytl2
UniProt Synonym Gene Names	Slp2
UniProt Entry Name	SYTL2_MOUSE

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.