

## Human Synaptogyrin-3 (SYNGR3) ELISA Kit

Catalog No: #EK6749



Package Size: #EK6749-1 48T #EK6749-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Human Synaptogyrin-3 (SYNGR3) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	MGC:20003;
Accession No.	O43761
Uniprot	O43761
GeneID	9143;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

## Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate SYNGR3 in samples. An antibody specific for SYNGR3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySYNGR3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SYNGR3 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 SYNGR3 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:SYNGR3 encodes an integral membrane protein. The gene belongs to the synaptogyrin gene family. Like other members of the family the protein contains four transmembrane regions. The exact function of this protein is unclear.

By searching an EST database for sequences related to rat and human SYNGR1, Kedra et al. (1998) identified cDNAs encoding SYNGR2 and SYNGR3. Like other members of the synaptogyrin family, the predicted 206-amino acid SYNGR3 protein contains 4 transmembrane regions. Northern blot analysis revealed that the 2.2-kb SYNGR3 mRNA is expressed in brain and placenta only.By fluorescence in situ hybridization, Kedra et al. (1998) mapped the SYNGR3 gene to chromosome 16pter.

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Note: This product is for in vitro research use only