# Synaptogyrin-2 (h): 293T Lysate: sc-113714



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#### **BACKGROUND**

The synaptogyrin family of proteins are integral membrane proteins containing four transmembrane regions. Synaptogyrins are tyrosine-phosphorylated proteins with two neuronal (Synaptogyrin-1 and -3) and one ubiquitous (Synaptogyrin-2) isoform. Synaptophysin and synaptogyrin represent the major constituents of synaptic vesicles. Synaptogyrin-1 is associated with presynaptic vesicles in neuronal cells. Synaptogyrin-2, also known as cellugyrin, has a tyrosine phosphorylated C-terminal cytoplasmic tail and is involved in the regulation of membrane traffic in non-neuronal cells. Synaptogyrin-3 is expressed mainly in brain and placenta.

## **REFERENCES**

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## CHROMOSOMAL LOCATION

Genetic locus: SYNGR2 (human) mapping to 17q25.3.

# **PRODUCT**

Synaptogyrin-2 (h): 293T Lysate represents a lysate of human Synaptogyrin-2 transfected 293T cells and is provided as 100  $\mu$ g protein in 200  $\mu$ l SDS-PAGE buffer.

## **APPLICATIONS**

Synaptogyrin-2 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive Synaptogyrin-2 antibodies. Recommended use:  $10\text{-}20~\mu\text{l}$  per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-tranfected 293T cells.

## **RESEARCH USE**

For research use only, not for use in diagnostic procedures.

#### **STORAGE**

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

## **PROTOCOLS**

See our web site at www.scbt.com for detailed protocols and support products.

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