

Datasheet for ABIN6991256

**anti-Synaptogyrin 3 antibody (C-Term)**[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	Synaptogyrin 3 (SYNGR3)
Binding Specificity:	C-Term
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Synaptogyrin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## Product Details

Immunogen:	SYNGR3 antibody was raised against a 19 amino acid synthetic peptide from near the carboxy terminus of human SYNGR3. The immunogen is located within the last 50 amino acids of SYNGR3.
Isotype:	IgG
Purification:	SYNGR3 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	Synaptogyrin 3 (SYNGR3)
Alternative Name:	SYNGR3 ( <a href="#">SYNGR3 Products</a> )
Background:	SYNGR3 Antibody: Synaptogyrins comprise a family of tyrosine-phosphorylated membrane

## Target Details

proteins with two neuronal (SYNGR1 and SYNGR3) and one ubiquitous (SYNGR2) members. SYNGR1 and -3 are synaptic vesicle proteins, residing in some cases on the same synaptic vesicle, and are thought to be involved in the regulation of neurotransmitter release. SYNGR2, by contrast, is absent from synaptic vesicles. The role and localization of a fourth synaptogyrin, SYNGR4, is unclear. SYNGR3 is predominantly expressed in brain and placenta. SYNGR3 is involved in the positive regulation of dopamine transporter activity and facilitates the physical and functional interactions of the transporter with the dopamine vesicular storage system, allowing a more efficient loading of the vesicles with extracellular dopamine after release.

Gene ID: 9143

NCBI Accession: [NP\\_004200](#)

UniProt: [O43761](#)

## Application Details

Application Notes: SYNGR3 antibody can be used for detection of SYNGR3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SYNGR3 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SYNGR3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies

should not be exposed to prolonged high temperatures.