

[Go to Product page](#)

Datasheet for ABIN1386540

anti-Synaptogyrin 1 antibody (AA 51-150)

Overview

Quantity:	100 µL
Target:	Synaptogyrin 1 (SYNGR1)
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Synaptogyrin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Synaptogyrin 1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	Synaptogyrin 1 (SYNGR1)
Alternative Name:	Synaptogyrin 1 (SYNGR1 Products)

Target Details

Background:	<p>Synonyms: SNG1_HUMAN,Synaptogyrin-1,Syngr1.</p> <p>Background: The synaptogyrin family of proteins are integral membrane proteins containing four transmembrane regions. Synaptogyrins are tyrosine-phosphorylated proteins with two neuronal isoforms (Synaptogyrin-1 and -3) and one ubiquitous isoform (Synaptogyrin-2). 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. Synaptogyrin-4 is a 234 amino acid protein encoded by the SYNGR4 gene.</p>
Gene ID:	9145
Pathways:	Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months