

Rabbit SYNGR1 Polyclonal Antibody | anti-SYNGR1 antibody

SYNGR1 Antibody

CATALOG # AAA40110	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SYNGR1; Polyclonal Antibody; SYNGR1 Antibody; Synaptogyrin-1; synaptogyrin 1; anti-SYNGR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SYNGR1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	234
Applicable Applications for anti-SYNGR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SYNGR1 antibody was raised against a 16 amino acid synthetic peptide from near the center of human SYNGR1.
Buffer	SYNGR1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of SYNGR1 in rat brain tissue with SYNGR1 antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of SYNGR1 in rat brain tissue with SYNGR1 antibody at 2.5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of SYNGR1 in rat brain tissue lysate with SYNGR1 antibody at 1 &#956;g/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SYNGR1 antibody	SYNGR1 Antibody: Synaptogyrins comprise a family of tyrosine-phosphorylated membrane 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. The gene for SYNGR1 is located at chromosome 22q13, a region linked to schizophrenia; however, there is mixed evidence suggesting that mutations in SYNGR1 might be associated with schizophrenia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2959866
NCBI GeneID	9145
UniProt Accession #	O43759; O43757; O43758; Q53Y02; Q96J56; Q9UGZ4; A6NP69; A8K0E2
Molecular Weight	21,591 Da
NCBI Official Full Name	synaptogyrin 1a
NCBI Official Synonym Full Names	synaptogyrin 1
NCBI Official Symbol	SYNGR1
NCBI Protein Information	synaptogyrin-1
UniProt Protein Name	Synaptogyrin-1
UniProt Gene Name	SYNGR1
UniProt Entry Name	SNG1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/syng1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40110>