

Rabbit SYNGR3 Polyclonal Antibody | anti-SYNGR3 antibody

SYNGR3 Antibody

CATALOG # AAA40310	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SYNGR3; Polyclonal Antibody; SYNGR3 Antibody; Synaptogyrin-3; synaptogyrin 3; anti-SYNGR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SYNGR3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	229
Applicable Applications for anti-SYNGR3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SYNGR3 antibody was raised against a 19 amino acid synthetic peptide from near the carboxy terminus of human SYNGR3.
Buffer	SYNGR3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of SYNGR3 in Rat Brain cells with SYNGR3 antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of SYNGR3 in rat brain tissue with SYNGR3 antibody at 2.5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of SYNGR3 in mouse brain tissue lysate with SYNGR3 antibody at (A) 1 and (B) 2 &#956;g/mL .

ADDITIONAL INFORMATION

Related Product Information for anti-SYNGR3 antibody	SYNGR3 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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6631112
NCBI GeneID	9143
NCBI Accession #	NP_004200
NCBI GenBank Nucleotide #	NM_004209.5
UniProt Accession #	O43761; B2R9S0
Molecular Weight	24,555 Da
NCBI Official Full Name	synaptogyrin-3
NCBI Official Synonym Full Names	synaptogyrin 3
NCBI Official Symbol	SYNGR3
NCBI Protein Information	synaptogyrin-3
UniProt Protein Name	Synaptogyrin-3
UniProt Gene Name	SYNGR3
UniProt Entry Name	SNG3_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/syng3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40310>