

Rabbit anti-Human, Rat SYNGR2 Polyclonal Antibody | anti-SYNGR2 antibody

SYNGR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40102	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

SYNGR2; Polyclonal Antibody; SYNGR2 Antibody; Synaptogyrin-2; Cellugyrin; synaptogyrin 2; anti-SYNGR2 antibody

PRODUCT SPECIFICATIONS

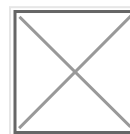
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SYNGR2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	275
Applicable Applications for anti-SYNGR2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SYNGR2 antibody was raised against a 17 amino acid synthetic peptide from near the amino terminus of human SYNGR2.
Buffer	SYNGR2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SYNGR2 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



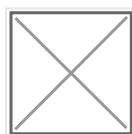
IF (Immunofluorescence)

Immunofluorescence of SYNGR2 in rat brain tissue with SYNGR2 antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of SYNGR2 in rat brain tissue with SYNGR2 antibody at 2.5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of SYNGR2 in human lung tissue lysate with SYNGR2 antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SYNGR2 antibody	SYNGR2 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. The exact function of SYNGR2 is unknown, but studies suggest that it may play a role in regulating membrane traffic in non-neuronal cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77415432
NCBI GeneID	9144
UniProt Accession #	O43760; O43762; Q3KQZ2; Q658S7
Molecular Weight	30,375 Da
NCBI Official Full Name	SYNGR2 protein
NCBI Official Synonym Full Names	synaptogyrin 2
NCBI Official Symbol	SYNGR2
NCBI Protein Information	synaptogyrin-2; cellugyrin
UniProt Protein Name	Synaptogyrin-2
UniProt Gene Name	SYNGR2
UniProt Entry Name	SNG2_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/syng2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40102>