

Rabbit SYNGR1 Polyclonal Antibody | anti-SYNGR1 antibody

Anti-SYNGR1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256517	Rabbit	Human, Cynomolgus	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SYNGR1; Polyclonal Antibody; Anti-SYNGR1 Antibody; Rabbit Polyclonal; SYNGR1 Antibody; Rabbit PAb; Antigen Affinity Purified; synaptogyrin 1; anti-SYNGR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Cynomolgus
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SYNGR1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SYNGR1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human SYNGR1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SYNGR1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

SYNGR1 was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate 4 uL anti-SYNGR1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-SYNGR1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 28 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human SYNGR1 in cynomolgus cerebellum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SYNGR1 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-SYNGR1 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: 293T Whole Cell Lysate Lane C: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa Observed band size: 27 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SYNGR1 antibody

Synaptogyrin 1 (SYNGR1) is a transmembrane protein of neurotransmitter-containing vesicle. Suggestive association between SYNGR1 intragenic polymorphisms and schizophrenia has been reported in the Indian population. Furthermore, some rare nucleotide changes with a potential pathogenic effect have been found in Indian and Chinese schizophrenia patients. SYNGR1 is considered as a positional candidate gene for schizophrenia because of its location at chromosome 22q13, a region linked to schizophrenia, and its reduced expression in the postmortem brain of patients with schizophrenia. Additionally, genetic studies also reported the association of SYNGR1 is with schizophrenia and bipolar disorder in southern India. Genetic variants in UBASH3A and SYNGR1 may modify individual susceptibility to Rheumatoid arthritis (RA) in the Han Chinese population.

References

Verma R, et al. (2005) Syngr1 is associated with schizophrenia and bipolar disorder in southern india. J Hum Genet 50 (12): 635-640. Iatropoulos P, et al. (2009) Association study and mutational screening of syngr1 as a candidate susceptibility gene for schizophrenia. Psychiatr Genet 19 (5): 237-243. Cheng MC, et al. (2007) Identification of rare mutations of synaptogyrin 1 gene in patients with schizophrenia. J Psychiatr Res 41 (12): 1027-1031.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/syngr1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/256517>