

## Rabbit SYNGR3 Polyclonal Antibody | anti-SYNGR3 antibody

SYNGR3 Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA307439</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

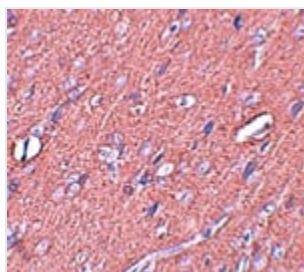
### PRODUCT SYNONYMS

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

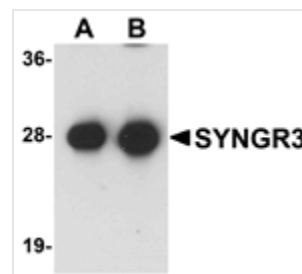
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                        |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                 |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                      |
| Clonality                                        | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                              | Affinity chromatography purified via peptide column                                                                                                                                                    |
| Form/Format                                      | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Sequence Length                                  | 229                                                                                                                                                                                                    |
| Applicable Applications for anti-SYNGR3 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                   |
| Immunogen Type                                   | Peptide                                                                                                                                                                                                |
| Immunogen Description                            | Raised against a 19 amino acid peptide from near the carboxy terminus of human SYNGR3.                                                                                                                 |
| Target Name                                      | SYNGR3                                                                                                                                                                                                 |
| Preparation and Storage                          | Can be stored at -20 degree C, stable for 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


**IHC (Immunohistochemistry)**

Immunohistochemistry of SYNGR3 in rat brain tissue with SYNGR3 antibody at 2.5 ug/mL.


**WB (Western Blot)**

Western blot analysis of SYNGR3 in mouse brain tissue lysate with SYNGR3 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-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. |
| Product Categories/Family for anti-SYNGR3 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                |
|----------------------------------|----------------|
| NCBI GI #                        | 6631112        |
| NCBI GeneID                      | 9143           |
| NCBI Accession #                 | NP_004200      |
| NCBI GenBank Nucleotide #        | NM_004209.5    |
| 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-immunohistochemistry-western-blot-elisa/307439>