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Synaptogyrin 3 Antibody (internal region)

Peptide-affinity purified goat antibody

Catalog # AF2426a

Specification

Synaptogyrin 3 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	O43761
Other Accession	NP_004200.2, 9143
Predicted	**Human, Rat, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**24555**

Synaptogyrin 3 Antibody (internal region) - Additional Information

Gene ID 9143

Other Names
Synaptogyrin-3, SYNGR3

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Synaptogyrin 3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Synaptogyrin 3 Antibody (internal region) - Protein Information

Name SYNGR3 (HGNC:11501)

Function
May play a role in regulated exocytosis. May indirectly regulate the activity of the plasma membrane dopamine transporter SLC6A3 and thereby regulate dopamine transport back from the synaptic cleft into the presynaptic terminal.

Cellular Location
Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane {ECO:0000250|UniProtKB:Q8R191}; Multi-pass membrane protein. Synapse {ECO:0000250|UniProtKB:Q8R191} Note=Found at the neuromuscular synapses

{ECO:0000250|UniProtKB:Q8R191}

Tissue Location
Expressed in brain and placenta.

Synaptogyrin 3 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Synaptogyrin 3 Antibody (internal region) - Images

Synaptogyrin 3 Antibody (internal region) - References

SV2B regulates synaptotagmin 1 by direct interaction. Lazzell DR, Belizaire R, Thakur P, Sherry DM, Janz R. J Biol Chem. 2004 Dec 10;279(50):52124-31. Epub 2004 Dec 10. PMID: 15466855