

ARG45287 anti-Synaptogyrin 3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes Synaptogyrin 3
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	Synaptogyrin 3
Species	Human
Immunogen	Recombinant protein containing to human Synaptogyrin 3.
Conjugation	Un-conjugated
Alternate Names	SYNGR3; Synaptogyrin 3; Synaptogyrin-3

Application Instructions

Application table	Application	Dilution
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	24 kDa	

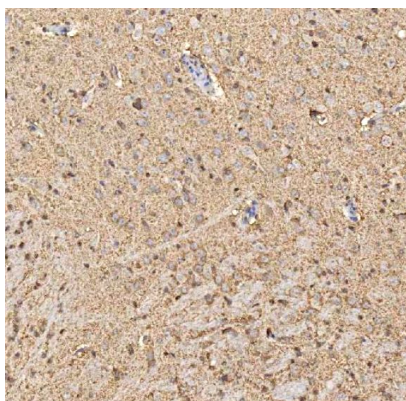
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SYNGR3
Gene Full Name	Synaptogyrin 3
Background	This gene encodes an integral membrane protein. The exact function of this protein is unclear, but studies of a similar murine protein suggest that it is a synaptic vesicle protein that also interacts with the dopamine transporter. The gene product belongs to the synaptogyrin gene family. [provided by RefSeq, Dec 2010]
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.. [UniProt]
Calculated Mw	25 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Cytoplasmic vesicle; Membrane; Synapse. [UniProt]

Images



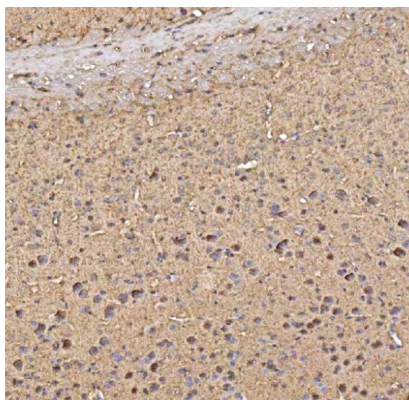
ARG45287 anti-Synaptogyrin 3 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45287 anti-Synaptogyrin 3 antibody at 2 µg/ml dilution.



ARG45287 anti-Synaptogyrin 3 antibody WB image

Western blot: Rat brain stained with ARG45287 anti-Synaptogyrin 3 antibody at 0.5 µg/ml dilution.



ARG45287 anti-Synaptogyrin 3 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45287 anti-Synaptogyrin 3 antibody at 2 $\mu\text{g/ml}$ dilution.



ARG45287 anti-Synaptogyrin 3 antibody WB image

Western blot: Mouse brain stained with ARG45287 anti-Synaptogyrin 3 antibody at 0.5 $\mu\text{g/ml}$ dilution.