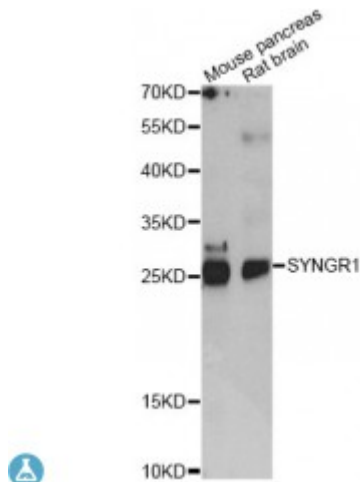


Anti-SYNGR1 Antibody



Description

This gene encodes an integral membrane protein associated with presynaptic vesicles in neuronal cells. The exact function of this protein is unclear, but studies of a similar murine protein suggest that it functions in synaptic plasticity without being required for synaptic transmission. The gene product belongs to the synaptogyrin gene family. Three alternatively spliced variants encoding three different isoforms have been identified.

Model	STJ116022
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-191 of human SYNGR1 (NP_663783.1).
Gene ID	9145
Gene Symbol	SYNGR1
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Synaptogyrin-1
Molecular Weight	25.456 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11498OMIM:603925Reactome:R-HSA-6798695
Alternative Names	Synaptogyrin-1
Function	May play a role in regulated exocytosis, Modulates the localization of synaptophysin/SYP into synaptic-like microvesicles and may therefore play a role in synaptic-like microvesicle formation and/or maturation , Involved in the regulation of short-term and long-term synaptic plasticity ,
Cellular Localization	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane

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