

SYNGR2 / Synaptogyrin 2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11068**Specification**

SYNGR2 / Synaptogyrin 2 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O43760
Reactivity	Human, Mouse, Hamster, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25kDa KDa

SYNGR2 / Synaptogyrin 2 Antibody (Internal) - Additional Information**Gene ID** 9144**Other Names**

Synaptogyrin-2, Cellugyrin, SYNGR2

Target/Specificity

Human SYNGR2 / Synaptogyrin 2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

SYNGR2 / Synaptogyrin 2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SYNGR2 / Synaptogyrin 2 Antibody (Internal) - Protein Information**Name** SYNGR2 ([HGNC:11499](#))**Function**

May play a role in regulated exocytosis. In neuronal cells, modulates the localization of synaptophysin/SYP into synaptic-like microvesicles and may therefore play a role in the formation and/or the maturation of this vesicles. May also play a role in GLUT4 storage and transport to the plasma membrane.

Cellular Location

Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:O54980}; Multi-pass membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane {ECO:0000250|UniProtKB:O54980}; Multi-pass membrane protein. Note=Localizes to cytoplasmic vesicles associated with the recycling endosomes. {ECO:0000250|UniProtKB:O54980}

Tissue Location

Ubiquitous; low expression in brain.

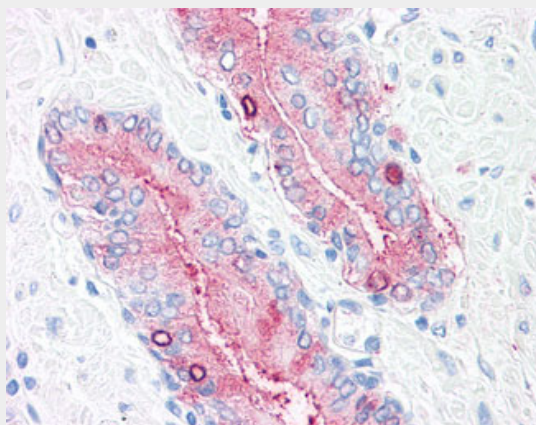
Volume
62.5 µl

SYNGR2 / Synaptogyrin 2 Antibody (Internal) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SYNGR2 / Synaptogyrin 2 Antibody (Internal) - Images



Anti-SYNGR2 / Synaptogyrin 2 antibody ALS11068 IHC of human, prostate.

SYNGR2 / Synaptogyrin 2 Antibody (Internal) - References

Kedra D., et al. Hum. Genet. 103:131-141(1998).
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Zody M.C., et al. Nature 440:1045-1049(2006).
Bienvenut W.V., et al. Submitted (FEB-2005) to UniProtKB.
Bechtel S., et al. BMC Genomics 8:399-399(2007).