

SYN

Mouse Monoclonal antibody(Mab)
Catalog # AD80038

Specification**SYN - Product info**

Application	IHC-P
Primary Accession	O15061
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	172868

SYN - Additional info

Gene ID 6855
Gene Name SYP

Other Names

Synemin, Desmuslin, SYNM (HGNC:24466), DMN, KIAA0353, SYN

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions

Synaptophysin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SYN - Protein Information**Name** SYNM ([HGNC:24466](#))**Function**

Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity (By similarity).

Cellular Location

Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Multi- pass membrane protein. Cell junction, synapse, synaptosome

Tissue Location

Expressed in the brain, with expression in the hippocampus, the neuropil in the dentate gyrus, where expression is higher

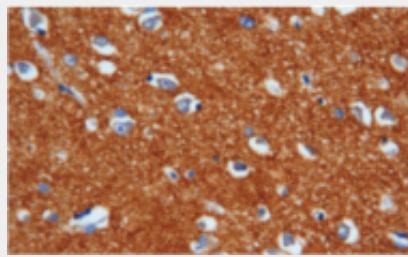
in the outer half of the molecular layer
than in the inner half, and in the neuropil
of CA4 and CA3

SYN - Protocols

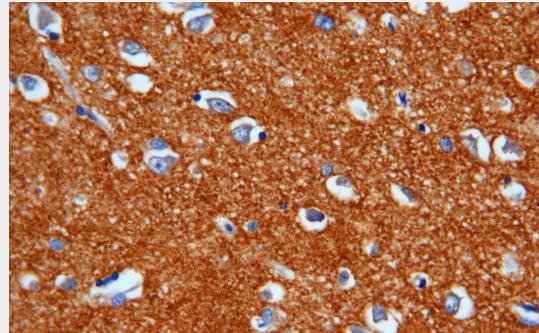
Provided below are standard protocols that you may find useful for product applications.

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

SYN - Images



Brain



Immunohistochemical analysis of paraffin-embedded 0 tissue using AD80282 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems Abcepta:AR005 was used as the secondary antibody.